Annual Report EL5/2017 Hayes Peak

For Periods 13 July 2017- 12 July 2021

Livingstone Resources Pty Ltd

29 October 2021



The Power of Commitment

Document status

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			Name	Signature	Name	Signature	Date
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Executive summary

GHD Pty Ltd (GHD) was engaged by Livingstone Resources Pty Ltd (Livingstone) to complete the annual technical reports required for works completed as part of EL5/2017 between July 2017 and July 2021.

Livingstone are looking to establish a granite quarry within their existing exploration lease areas in northwest Tasmania. The material is proposed to be exported to China where it will be processed into benchtops and tiles as well as other building materials for commercial sale.

To gain greater understanding on the extent and suitability of the material, a desktop study and exploration program across select areas within exploration lease EL5/2017 was undertaken to investigate the potential of the material to be a marketable product.

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1. Introduction

Granite has long been used as building material including larger scale blocks to smaller decorative tiles. Due to the vast volumes of the granite within the area located approximately 10 km to the south and south east of Burnie, an exploration lease was applied for by Livingstone Resources Pty Ltd on 17 January 2017. The lease was granted on 13 July 2017 for a 5 year period and expires on 12 July 2022. This was to determine if there were any areas that are suitable for the development of a quarry that could produce granite dimension stone.

The reporting captured in this document is for the following periods;

13 July 2017 – 12 July 2018,

13 July 2018 – 12 July 2019,

13 July 2019 – 12 July 2020,

13 July 2020 – 12 July 2021

The area spans across 169 km^2. The lease number is EL5/2017 and is referred to as Hayes Peak and is divided up into three separate sections as shown in Figure 1.

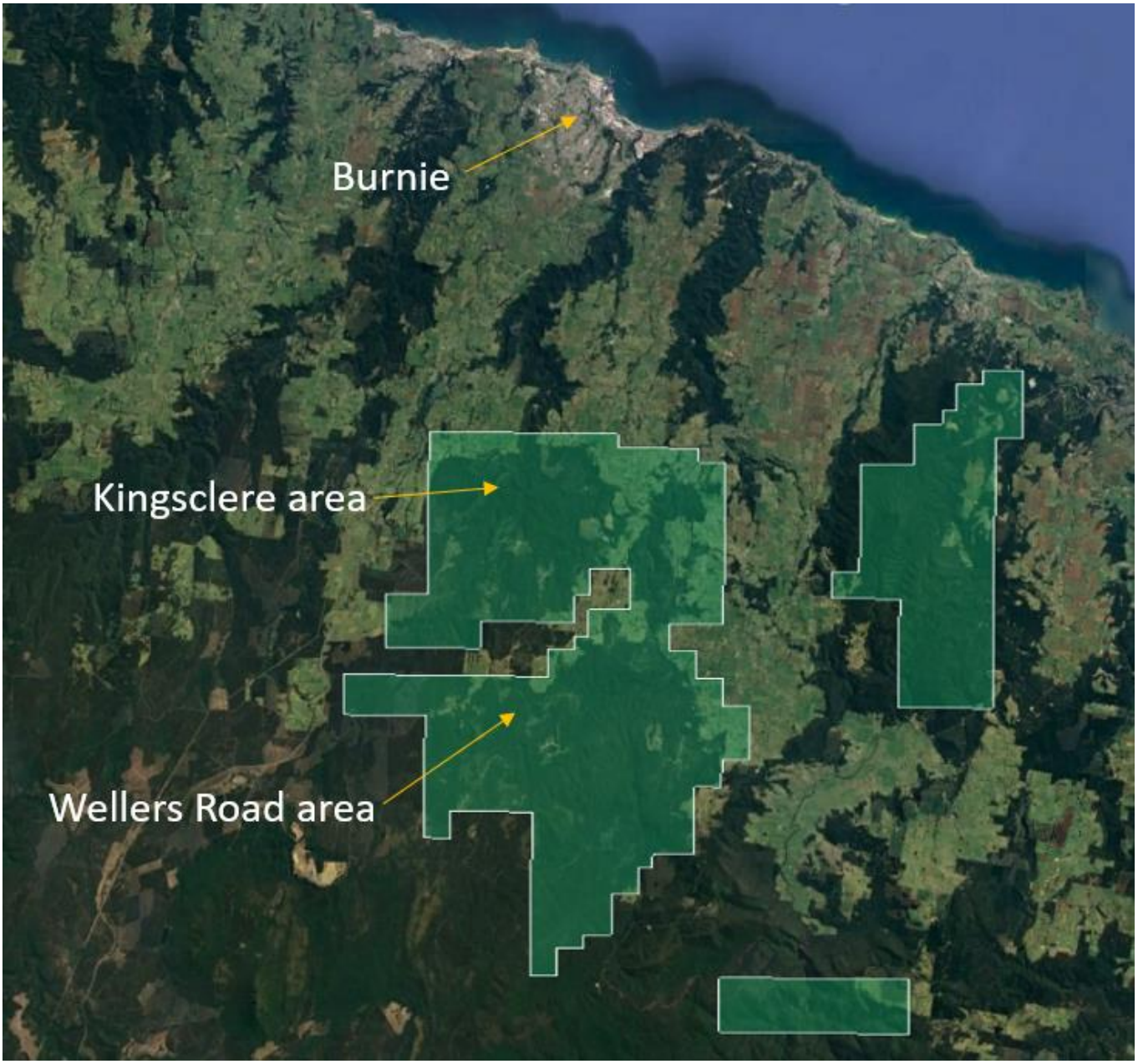


Figure 1 3 sections of EL5/2017 and general location of Kingsclere and Wellers Road areas

The largest of the three zones of EL5/2017 is predominantly mapped as Devonian aged granite with areas of overlying Tertiary aged basalt. Both units were targeted during the exploration program for suitability as possible dimension stone, with the granite being the main target. The two smaller zones to the east and south-east are mapped as predominantly of Cambrian to Ordovician sequences of volcanic and sedimentary units. These 2 areas were not explored during the 4 year period covered in this report and have since been surrendered.

The datum referenced in all documentation is GDA94 Zone 55.

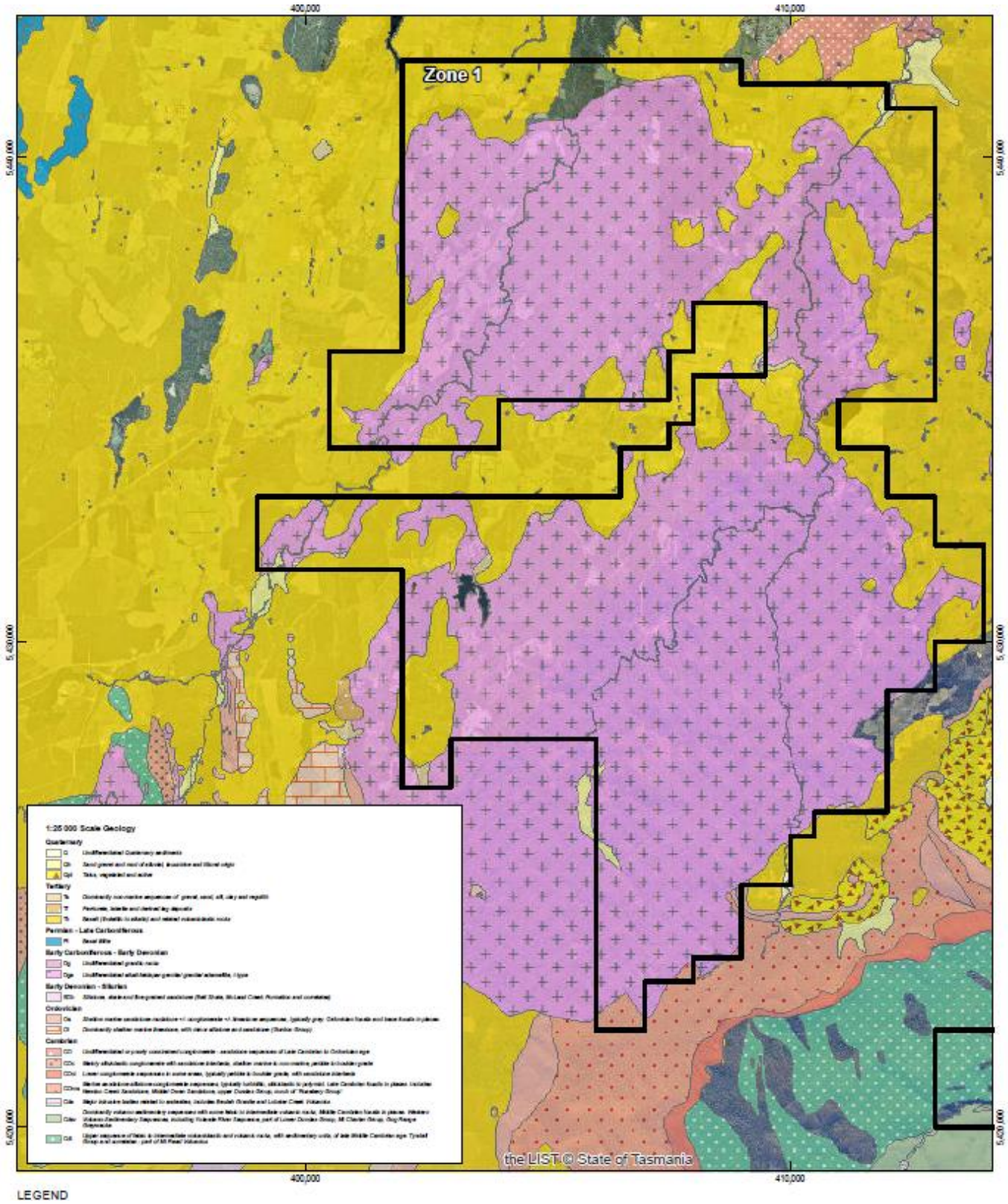


Figure 2 Local geology of the major section within EL5/2017

2. Lease Period Works

2.1 July 2017 – July 2018

A preliminary desktop assessment was undertaken by GHD to identify the resource potential throughout the license area.

2.2 July 2018 – July 2019

Two exploration drilling programs were undertaken consisting of 41 boreholes.

2.3 July 2019 – July 2020

No works were undertaken during this period.

2.4 July 2020 – July 2021

No works were undertaken during this period.

3. Exploration completed during the reporting periods

3.1 July 2017 – July 2018

GHD were engaged to undertake a desktop study to assist in locating suitable areas for a potential quarry that are close to existing roads are less likely to be affected by environmental constraints.

The license area was divided up into a number of discrete 25 ha “cells” (Figure 3) which were then individually inspected for granite outcropping using the latest publicly available satellite imagery. From this process, sixty individual “cells” contained visible granite outcrop. These sixty cells (shown in lilac) were then subjected to a constraints assessment, looking at both environmental and economic factors, such as proximity to roads, land tenure and flora/fauna values.

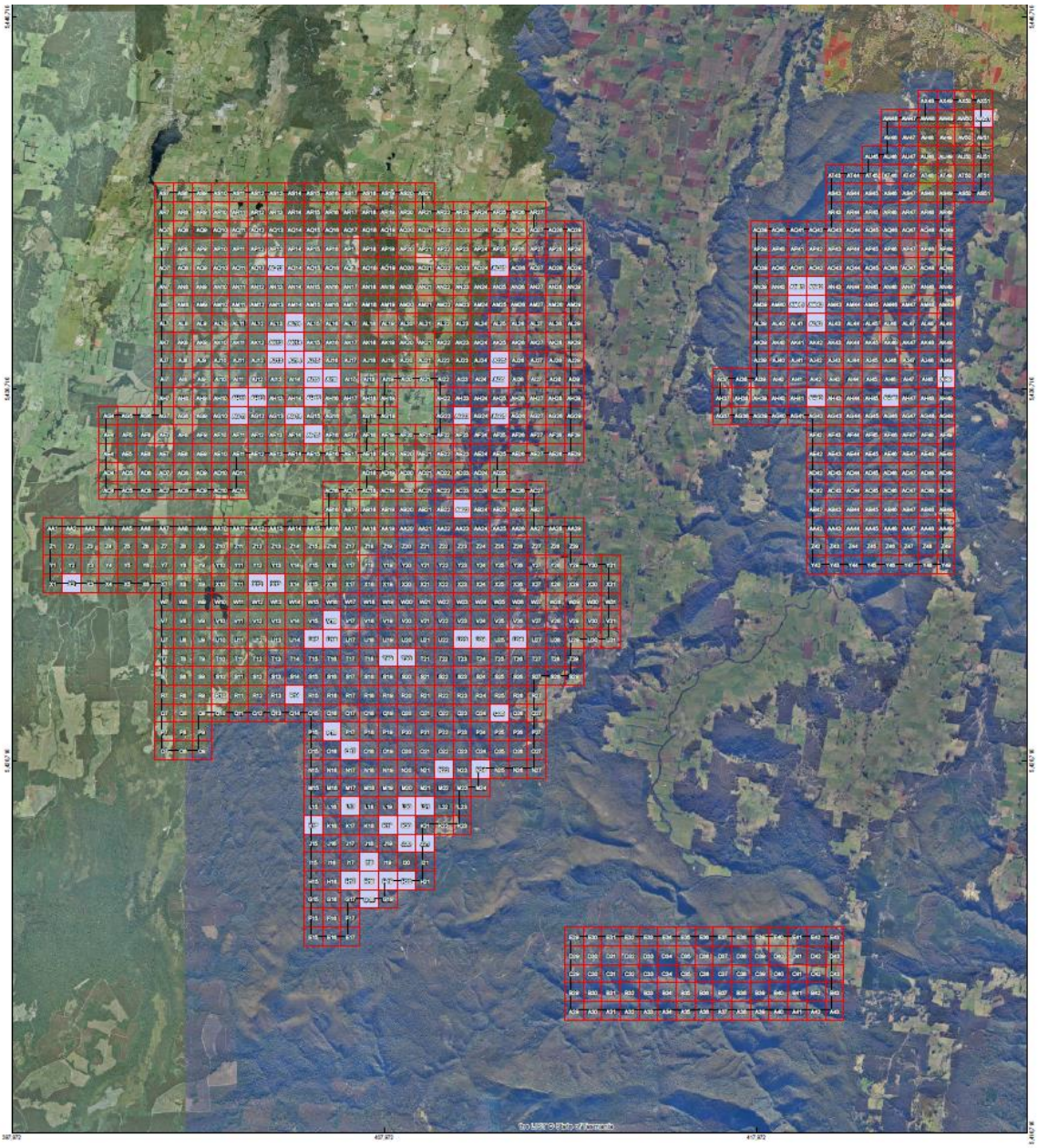


Figure 3 *The sixty 25 ha cells that were subject to a constraints assessment*

Following the constraints assessment, this was narrowed down to six individual areas that were identified as being suitable for further investigation.

A follow up site walk over was undertaken on two of the more prospective areas with a representative from Livingstone Resources and two representatives from GHD to confirm the site conditions and to identify suitable locations for undertaking an exploration drilling program.

These two areas are informally referred to as Wellers Road and Kingsclere and are shown in Figure 1.

3.2 July 2018 – July 2019

3.2.1 Initial Exploration Program

To access each of the Kingslcere and Wellers Road areas, authorisation was required from both Forico and the state owned Sustainable Timbers Tasmania who are the current landowners.

A drilling program was undertaken between 3 July 2018 and 22 August 2018 within each of the two areas that were identified as part of the desktop study totalling 442 m. The initial program consisted of fifteen boreholes with the details shown in Table 1. Borehole logs and photographs can be seen in Appendix B

Table 1 Initial exploration program borehole summary

Borehole ID	Area	Easting	Northing	Inc.	Azi.	Depth
KC-01	KINGSCLERE	403771	5440480	-90	000	28.55
KC-02	KINGSCLERE	404089	5439779	-90	000	35
KC-03	KINGSCLERE	403763	5438986	-90	000	30.45
KC-04	KINGSCLERE	403119	5438577	-90	000	29.9
W-01	WELLERS RD	405233	5432483	-90	000	30.6
W-02	WELLERS RD	405748	5431970	-90	000	66.4
W-03	WELLERS RD	406454	5431892	-90	000	44.4
W-04	WELLERS RD	404294	5429566	-90	000	30.6
W-05	WELLERS RD	406963	5430459	-90	000	35.1
W-06	WELLERS RD	405868	5431281	-90	000	30
W-06a	WELLERS RD	405915	5431272	-90	000	16.72
W-07	WELLERS RD	405378	5428321	-90	000	31.9
W-08	WELLERS RD	406917	5431162	-90	000	30.5
W-09	WELLERS RD	406970	5432323	-90	000	30.1
W-10	WELLERS RD	406425	5431516	-90	000	23

The purpose of the exploration program was to get a broad understanding of the quality and suitability of the material for use as dimension stone present across the Wellers Road and Kingsclere areas as well as the vertical and lateral extents. The boreholes across both sites were generally drilled approximately 800 m apart and were drilled on or next to existing roads to eliminate the need for any ground disturbance. Due to the hardness of the fresher material encountered, the original Drillmac 500 Explorer rig owned and operated by Spaulding Drillers was required to be swapped out after 4 boreholes as the productivity and penetration rates were too low. The rig was replaced with a GK850 drill rig that completed the remainder of the 2 programs. Drilling was undertaken using both PCD and coring (HQ and NQ) drilling methods. All boreholes where capped upon completion but were not grouted to allow for follow up groundwater level readings.

3.2.1.1 Wellers Road

Eleven of the fifteen boreholes were drilled in the Wellers Road area and totalled 318 m. The depth of weathering across the boreholes was found to be variable with what appeared to be in-situ fresh to slightly weathered granite on the surface, commonly turning out to be boulders of fresher material sitting amongst extremely weathered material. Several varying textures and colours were identified with the common appearance being coarse grained, with mottled pink, cream/white, grey and spotted black colouring (Figure 4).



Figure 4 Typical texture and colouring of granite encountered at Wellers Road (W-7)

Other textures/colours encountered across the Wellers Road area included finer grained (Figure 5), porphyritic (Figure 6), and green coloured plagioclase crystals (Figure 7).



Figure 5 Fine grained granite (W-4)



Figure 6 Porphyritic texture (W-3)



Figure 7 Green colouring in plagioclase crystals (W-9)

3.2.1.2 Kingsclere

The remining four boreholes were completed in the Kingsclere area and totaled 124 m. The depth of weathering across the 4 sites was similar to that seen at Wellers Road with boulders of fresher material commonly encountered towards the top of each borehole sitting amongst extremely weathered material before reaching bedrock. As with Wellers Road, the common appearance of the granite was coarse grained, with mottled pink, cream/white, grey and spotted black colouring and was encountered in three of the four holes drilled. A brownish

overall colouring was encountered in borehole KC-1. This was mostly due to the discolouration of the plagioclase crystals as shown in Figure 8.



Figure 8 Brown discolouration of plagioclase crystals (KC-1)

3.2.2 Secondary Exploration Program

A larger more targeted follow up program was undertaken between 7 January 2019 and 24 August 2019 with the aim of consolidating the lateral and vertical extents of the materials of interest identified during the initial program and was based predominantly on what Livingstone considered to be the preferred colour and texture of the material for their target market. This included the brownish colouring found in KC-1, the porphyritic texture found in W-3 and the finer grained material found in W-4.

The drilling was undertaken by Spaulding Drillers with a GK850 drill rig using both PCD and HQ coring drilling methods and the borehole locations were again drilled on or next to existing roads.

Due to the close proximity of basalt nearby to the target granite, this was also considered to be target material for use as dimension stone by Livingstone. Two sites mapped as containing basalt were included in the secondary exploration program and involved one borehole (KC-11) to the south of the Kingsclere and one borehole (W-11) to the west of the Wellers Road.

A total of 26 boreholes were drilled totalling 1359.2 m which included the re-entry and deepening of boreholes W-2 and W-3 from the initial exploration program. The borehole details are shown in Table 2. Borehole logs as photographs can be seen in Appendix B. All boreholes where capped upon completion but were not grouted to allow for follow up groundwater level readings.

Table 2 Secondary exploration program borehole summary

Borehole ID	Area	Easting	Northing	Inc.	Azi.	Depth
KC-05	KINGSCLERE	402881	5439944	-90	000	46
KC-06	KINGSCLERE	403398	5440371	-90	000	10
KC-07	KINGSCLERE	403324	5440753	-90	000	23.3
KC-08	KINGSCLERE	403647	5440893	-90	000	13
KC-09	KINGSCLERE	403743	5440783	-90	000	4.7
KC-10	KINGSCLERE	404370	5440604	-70	125	83.6
KC-11	KINGSCLERE	401671	5432323	-70	010	24.9
KC-12	KINGSCLERE	404876	5440435	-90	000	52.2
KC-13a	KINGSCLERE	403833	5439599	-90	000	22.1
KC-13b	KINGSCLERE	404651	5440166	-90	000	95.9
KC-14a	KINGSCLERE	404185	5439597	-90	000	46.7
KC-14b	KINGSCLERE	405182	5440532	-90	000	33.2
KC-15a	KINGSCLERE	404871	5440815	-90	000	67.9
KC-15b	KINGSCLERE	405003	5440768	-90	000	36.8
KC-16	KINGSCLERE	403888	5440935	-90	000	35.5
KC-17	KINGSCLERE	404253	5440770	-90	000	3.4
KC-18	KINGSCLERE	404737	5440346	-90	000	28.8
KC-19	KINGSCLERE	404996	5440446	-90	000	51.4
KC-20	KINGSCLERE	404814	5440416	-90	000	72.1
KC-21	KINGSCLERE	404933	5440457	-90	000	95.5
KC-22	KINGSCLERE	404159	5440378	-90	000	110.1
KC-23	KINGSCLERE	403991	5440471	-90	000	102.6
W-11	WELLERS RD	405233	5432483	-90	000	13
W-12	WELLERS RD	406539	5431628	-90	000	111.5
W-13	WELLERS RD	404504	5429956	-90	000	69.5
W-14	WELLERS RD	404175	5429337	-90	000	73.6

Due to the rig not being supervised during a majority of the secondary program, a GHD geologist came to site to collect a majority of the core boxes from site along with an offsider from Spaulding Drillers. These were then taken back to Spaulding Drillers' laydown area at Stoney Rise near Devonport where they were logged and photographed. All core collected from the two drilling programs is temporarily stored at this location.

3.2.2.1 Wellers Road

Four of the twenty six boreholes were drilled in the Wellers Road area and totalled 267.6 m which also included two re-entry holes. This additional drilling targeted the areas that either exhibited the finer grain size seen in W-4 or the porphyritic texture seen W-2, W-3 and W-9. This was to gain a better understanding of the extent of each of the materials. The drilling was again undertaken by Spaulding Drillers with a GK850 drill rig using both PCD and HQ coring drilling methods.

Two additional boreholes (W-13 and W-14) which targeted the finer grained material were drilled. The material encountered was found to be too fractured including sub vertical joints as well as possibly altered and makes it unlikely to be suitable as dimension stone material.

The porphyritic material was targeted in W-12. Only thin zone of approx. 5 was intersected at 90 m with a majority of the borehole containing the pinkish coloured coarse grained material. The re-entry holes W-2 and W-3 continued to exhibit the porphyritic texture down to approx. 50 m and 35 m respectively.

One of the four boreholes (W-11) was drilled to the northwest of the site and targeted basalt as this was also a considered to be a potential marketable material by Livingstone. Multiple flows were observed and both vesicular

and non-vesicular material was present. Due to access constraints, this borehole was terminated in fresh material at 13 m meaning that a vertical extent could not be determined.

3.2.2.2 Kingsclere

The remining twenty two boreholes were drilled in the Kingsclere area totalling 1059.7 m. The primary target was to improve the understanding of the extent of the brown material as well as basalt that was mapped to the southwest of the site.

Starting approximately 1 km from the west, a series of boreholes were drilled heading back towards KC-1 with the aim of determining the extent of the brownish coloured material that was identified as a target during the initial program. KC-5 – KC-8 did not encounter the brownish material. KC-9 which is 300 m to the north did intersect the brownish material as well as KC-23 which is approximately 200 m to the east.



Figure 9 Brownish colouring (KC-9)



Figure 10 Brownish colouring (KC-23)

During the exploration of the brownish material, another target material identified by Livingstone was encountered which consisted of a coarse grained material that was orange/red-red with grey and spotted black. This was present in KC-10 and then again in KC-12 and KC-21 which were to the southeast. Several additional boreholes (CK-13b, KC-14b, KC-15a, KC-15b, KC18, KC19, KC20) were drilled in th surrounding areas in an attempt to get a better understanding of the extent of this material but is was not encountered in any of them.



Figure 11 Orange-Red/Reddish colouring (KC-12)

3.3 July 2019 – July 2020

No exploration was undertaken during this period

3.4 July 2020 – July 2021

No exploration was undertaken during this period

4. Discussions of Results

What the results of the exploration programs have shown is that there is high variability within the granite. Variations in the colour, texture, grain size as well as the weathering profile were encountered across the 2 targeted areas and would likely require further exploratory work to help determine volumes of the target materials.

It appears that there could be the potential for a quarry within the areas of KC-1, KC-9, KC-23 targeting the brownish material, between W-2 and W-3 targeting the porphyritic material and possibly in the vicinity between KC-10, KC-12 and KC21 for the orange-red/red material.

5. Conclusions

The exploration works undertaken throughout the first 4 years of the lease indicates that there are two or three potential areas for a granite dimension stone quarry within the Wellers Road and Kingsclere areas, based on what Livingstone have indicated is a marketable product. As discussed in the results, due to the variability of the granite across the two areas, to lower the risk of any future quarry establishment, a greater understanding of the vertical and to a lesser degree the lateral extent needs to be considered. Any future exploration should include areas currently inaccessible and will require the construction of new tracks. This would require discussions with the existing landholders.

A follow up investigation of the brownish material could consider the re-entering and deepening of KC-01 and KC-10 as well as additional borehole in the centre.

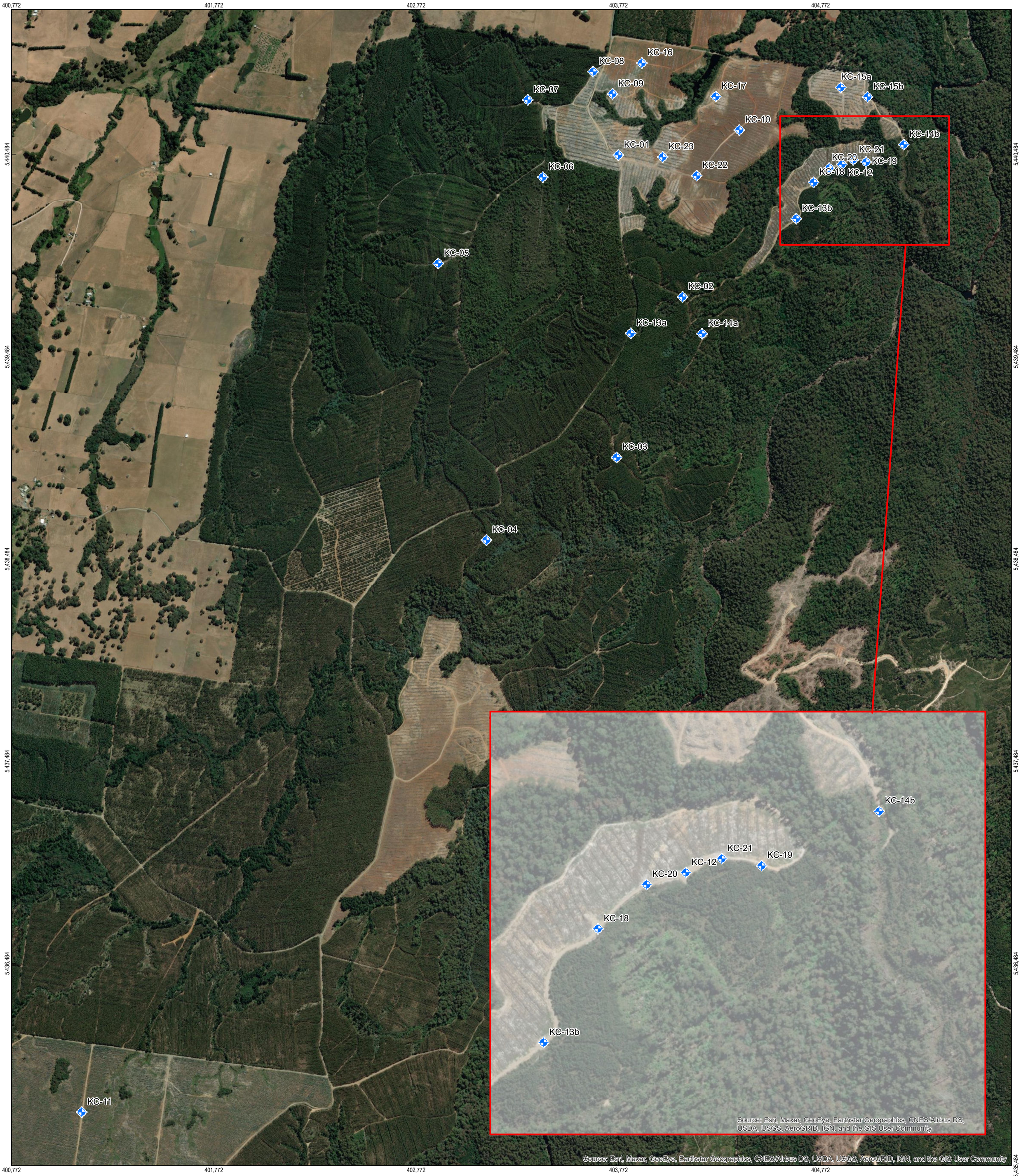
To delineate the extent of the porphyritic material, at a minimum, consideration should be given to drilling at least another borehole to the north or south to allow for some form of volume calculation, with only the two points currently identified. Between the two boreholes there also appears to be a water course that may have environmental constraints on what can and can't be done regarding a quarry.

There is a large distance and difference in the RL between KC-10 and KC-12/KC-21 as well as a gully in-between them. With many unknowns, the potential volume of the material is currently not very well understood. Further exploration should be considered, however access to these areas may be difficult due to the slope.

Appendices

Appendix A

Site Plan



Legend

Borehole

Paper Size A2

500 250 0 500

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Livingstone Resources Pty Ltd

EL5/2017
Kingsclere

Job Number	32-18759
Revision	A
Date	26 Oct 2021

Attachment 1

G:\32\18759\GIS\Maps\Deliverables\3218759_KingsClear_BoreholeLocations_RevB.mxd

180 Lonsdale Street Melbourne VIC 3000 Australia **T** 61 3 8687 8000 **F** 61 3 8687 8111 **E** melmail@ghd.com **W** www.ghd.com

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Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by:npolmear

401,354 402,354 403,354 404,354 405,354 406,354

5,432,973 5,431,973 5,430,973 5,429,973 5,428,973 5,427,973 5,426,973

W-11 W-01 W-09 W-02 W-03 W-12 W-10 W-06a W-06 W-08 W-05 W-13 W-04 W-14 W-07

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

Borehole

Paper Size A2

500 250 0

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Livingstone Resources Pty Ltd

EL5/2017
Wellers Road

Job Number	32-18759
Revision	A
Date	25 Oct 2021

Attachment 2

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Appendix B

Borehole Logs and Photographs

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-1

SHEET 1 OF 3

Position : 403771.0 E, 5440480.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 14 Aug 18	Date Completed : 15 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1	▽	1.0		CORE LOSS (4200mm)				0				1
2				2.0										2
3				3.0										3
4		2		4.0						0				4
					× × ×	GRANITE, mottled cream, red-brown, black, coarse grained up to 15mm	HW / SW	M / VH		100			4.35m: JT, 45°, IR, FE, SN, VR	
5				5.0	× × ×	becoming mottled cream, pink, grey, spotted black, Fe staining							4.92m: Inferred drilling break 5.0m: JT, 5°, UN, FE, SN, RF	5
6		3		6.0		CORE LOSS (2600mm)				0				6
7				7.0										7
					× × ×	GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	FR -SW			100			7.7m: JT, 50°, UN, FE, SN, VR	
8				8.0	× × ×		MW	VH-H		73			8.1m: Inferred drilling break	8
		4				CORE LOSS (1000mm)				0			8.28m: JT, 20°, UN, FE, SN, VR 8.32m: JT, 80°, UN, FE, SN, VR 8.36m: JT, 20°, UN, FE, SN, VR 8.4m: Inferred drilling break	
9				9.0										9
		5			× × ×	GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	FR -SW	VH		100			9.4m: Inferred drilling break 9.44m: JT, 10°, UN, CN, VR 9.62m: Inferred drilling break	
10				10.0		CORE LOSS (350mm)				0				10

See standard sheets for details of abbreviations & basis of descriptions

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CLIENTS | PEOPLE | PERFORMANCE

Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-1

SHEET 2 OF 3

Position : 403771.0 E, 5440480.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 14 Aug 18 | Date Completed : 15 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	5		11.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	FR -SW FR	VH		100			10.25m: JT, 10°, UN, FE, SN, VR 10.4m: Inferred drilling break 10.5m: JT, 0°, UN, FE, SN, RF	11
		6								100				
		7											10.88m: Inferred drilling break 11.1m: Inferred drilling break	
12		8		12.0						96			11.7m: Inferred drilling break 12.2m: JT, 10°, UN, FE, SN, RF	12
													12.75m: Inferred drilling break	
13		9		13.0			SW -MW FR	VH-H		91			13.2m: JT, 0°, CU, FE, SN, RF 13.25m: JT, 10°, UN, FE, SN, RF 13.43m: Inferred drilling break	13
													13.76m: Inferred drilling break	
14		10		14.0			HW FR	H VH		88			13.9m: JT, 0°, UN, FE, SN, VR 13.94m: JT, 10°, UN, FE, SN, VR 13.97m: JT, 10°, UN, FE, SN, VR 14.1m: Inferred drilling break	14
													14.43m: Inferred drilling break 14.63m: Inferred drilling break	
15				15.0									14.78m: JT, 20°, UN, FE, SN, RF 14.83m: JT, UN, 20°, FE, SN, VR 14.92m: JT, 15°, UN, FE, SN, VR	15
		11											15.16m: JT, 35°, UN, FE, SN, VR	
										99			15.45m: JT, 5°, UN, FE, SN, VR 15.48m: JT, 10°, UN, FE, SN, RF 15.6m: Inferred drilling break	
16				16.0									16.27m: Inferred drilling break 16.58m: Inferred drilling break	16
17		12		17.0		CORE LOSS (500mm)	MW	H		100 0			16.96m: JT, 20°, UN, CN, RF 16.97m: JT, 30°, UN, CN, RF 17.1m: Inferred drilling break 17.25m: JT, 10°, UN, FE, SN, VRF	17
													17.5m: Inferred drilling breaks	
18				18.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	MW FR	VH		100			17.8m: Inferred drilling break	18
		13								100			18.6m: Inferred drilling break 18.72m: JT, 20°, CU, CN, RF	
19				19.0									18.95 - 20.82m: Inferred drilling breaks	19
20				20.0										20

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-1

SHEET 3 OF 3

Position : 403771.0 E, 5440480.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH
Date Started : 14 Aug 18 | Date Completed : 15 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	14		21.0			SW -MW			96			20.93m: JT, 15°, UN, FE, SN, RF 20.96m: JT, 15°, UN, FE, SN, RF 21.14m: JT, 5°, UN, FE, SN, RF 21.16m: JT, 5°, UN, FE, SN, RF 21.43m: Inferred drilling break	21
22		15		22.0						98			21.6m: Inferred drilling break 21.76m: JT, 30°, UN, CN, RF 22.08m: Inferred drilling break	22
23		16		23.0		red-brown staining around black (biotite) crystals CORE LOSS (250mm)	FR -SW			0			22.73m: Inferred drilling break 22.96m: JT, 10°, UN, FE, SN, RF 23.07m: JT, 5°, UN, FE, SN, VRF 23.1m: JT, 10°, UN, FE, SN, VRF	23
24				24.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm, red-brown staining around black (biotite) crystals	FR -SW FR SW	H VH		98 100			23.37m: JT, 10°, UN, FE, SN, RF 23.76m: JT, 15°, UN, FE, SN, VRF 23.79m: JT, 15°, UN, FE, SN, VRF 23.93m: JT, 15°, UN, FE, SN, VRF 24.43m: Inferred drilling break 24.6m: Inferred drilling break	24
25		17		25.0		CORE LOSS (150mm) GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm, red-brown staining around black (biotite) crystals	SW -MW FR	VH -H		0 100 100			24.87m: JT, 10°, UN, FE, SN, VRF 25.35m: JT, 15°, UN, FE, SN, RF	25
26		18		26.0		CORE LOSS (100mm) GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm, red-brown staining around black (biotite) crystals	SW -MW FR	VH VH -H VH		0 100			26.0m: JT, 30°, UN, FE, SN, RF 26.01m: JT, 30°, UN, FE, SN, VRF 26.6 - 28.55m: Inferred drilling breaks	26
27		19		27.0										27
28		20		28.0						100				28
		21				End Of Hole @ 28.55m				100				
29				29.0										29
30				30.0										30

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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-1 0 - 23.93m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-1 23.93 - 28.55m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-2

SHEET 1 OF 4

Position : 404089.0 E, 5439779.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 15 Aug 18	Date Completed : 16 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1	▽	1.0		CORE LOSS (4700m)								1
2				2.0										2
3				3.0										3
4				4.0										4
5	PCD			5.0	× × ×	GRANITE, mottled pink, cream, grey, spotted grey-black, FE staining throughout, coarse grained up to 15mm	MW -HW	H-M		100			4.77m: Inferred drilling break 4.95m: JT, 75°, UN, FE, SN, VR 5.1 - 32.9m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-2

SHEET 2 OF 4

Position : 404089.0 E, 5439779.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 15 Aug 18	Date Completed : 16 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
11	PCD			11.0		GRANITE, mottled pink, cream, grey, spotted grey-black, FE staining throughout, coarse grained up to 15mm	MW -HW	H-M					5.1 - 32.9m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
17				17.0										17
18				18.0										18
19				19.0										19
20				20.0										20

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-2

SHEET 3 OF 4

Position : 404089.0 E, 5439779.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 15 Aug 18 | Date Completed : 16 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	PCD			21.0		GRANITE, mottled pink, cream, grey, spotted grey-black, FE staining throughout, coarse grained up to 15mm	MW -HW	H-M					5.1 - 32.9m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27				27.0										27
28				28.0										28
29				29.0										29
30				30.0										30

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-2

SHEET 4 OF 4

Position : 404089.0 E, 5439779.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 15 Aug 18	Date Completed : 16 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	PCD			31.0									5.1 - 32.9m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	31
32				32.0										32
33	HQ Coring	2		33.0		mottled pink cream, grey, minor FE staining	MW -SW	H		85				33
		3				CORE LOSS							33.23m: JT, 20°, UN, FE, SN, RF 33.27m: JT, 20°, UN, FE, SN, RF 33.35 - 33.39m: Inferred drilling breaks 33.55m: JT, 20°, UN, FE, SN, RF	
34				34.0		GRANITE, mottle pink, cream, grey, with spotted black, coarse grained up to 15, minor FE staining	SW	VH		96			33.88m: JT, 10°, UN, FE, SN, RF	34
		4					FR -SW			96			34.25m: Inferred drilling break	
35				35.0		End Of Hole @ 35.0m							34.64m: JT, 5°, UN, FE, SN, RF 34.67m: JT, 5°, UN, FE, SN, RF 34.83m: Inferred drilling break 35.0m: Inferred drilling break	35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-2 0 - 35.0m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-2	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-3

SHEET 1 OF 4

Position : 403763.0 E, 5438986.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 17 Aug 18	Date Completed : 17 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0				0.0										0
1	HQ Coring			1.0		CORE LOSS (5100mm)								1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
5	PCD		▽	5.0	× × ×	GRANITE, mottled pale pink, cream, grey, coarse grained up to 15mm	HW -MW	L-H					5.1 - 24.0m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	5
6				6.0	× × ×									6
7				7.0	× × ×									7
8				8.0	× × ×									8
9				9.0	× × ×									9
10				10.0	× × ×									10

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-3

SHEET 2 OF 4

Position : 403763.0 E, 5438986.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 17 Aug 18 | Date Completed : 17 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD			11.0		GRANITE, mottled pale pink, cream, grey, coarse grained up to 15mm	HW -MW	L-H					5.1 - 24.0m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
17				17.0										17
18				18.0										18
19				19.0										19
20				20.0										20

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-3**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 3 OF 4**	
Position :	403763.0 E, 5438986.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	17 Aug 18	**Date Completed :** 17 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
21	PCD				21.0									5.1 - 24.0m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	21
22					22.0										22
23					23.0										23
24		1			24.0		mottled pink, grey, cream, spotted black	FR	VH		95			24.09m: JT, 5°, UN, FE, SN, RF 24.24m: JT, 15°, UN, FE, SN, RF	24
25					25.0									24.9m: JT, 10°, UN, FE, SN, RF 24.97m: JT, 10°, UN, FE, SN, RF	25
26	HQ Coring	2			26.0						100			25.5m: Inferred drilling break	26
27		3			27.0		CORE LOSS (150mm)				100			26.12m: JT, 10°, UN, FE, SN, RF 26.18m: JT, 20°, UN, FE, SN, RF 26.88m: JT, 60°, UN, FE, SN, RF	27
28		4			28.0		GRANITE, mottled pink, grey, cream, spotted black, coarse grained up to 15mm CORE LOSS (1100mm)	SW	VH		100			27.2m: JT, 15°, UN, FE, SN, RF 27.5m: JT, 40°, UN, FE, SN, RF	28
29		5			29.0		GRANITE, mottled pink, grey, cream, spotted black, coarse grained up to 15mm porphyritic texture (29.3 - 29.65m)	SW FR	VH		96			28.6m: JT, 10°, UN, FE, SN, RF 28.68m: JT, 10°, UN, FE, SN, RF 28.75m: JT, 10°, UN, FE, SN, RF 28.85m: Inferred drilling break 29.1m: JT, 20°, PLN, FE, SN, RF 29.65m: JT, 60°, PLN, FE, SN, RF 29.79m: JT, 10°, UN, FE, SN, RF 29.86m: JT, 5°, UN, CN, VRF	29
30					30.0										30

Core Recovery (%): 20 – 80

Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-3**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	4 OF 4
Position :	403763.0 E, 5438986.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	
Date Started :	17 Aug 18	**Date Completed :** 17 Aug 18	**Logged by :** JRN

Processed : JRN
Checked : ASH
Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31		5		31.0	× × ×								30.07m: Inferred drilling break	31
32				32.0	× × ×	End Of Hole @ 30.45m							30.38m: Inferred drilling break 30.42m: JT, 60°, UN, FE, SN, RF	32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20 – 40 – 100 – 300 – 1000

See standard sheets for details of abbreviations & basis of descriptions

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3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-3 24.0 - 30.45m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-3	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 1 OF 3**	
Position :	403119.0 E, 5438577.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started :	20 Aug 18	Date Completed : 22 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results
0							CORE LOSS (300mm)				0			
					1.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm	FR	VH		100			0.6 - 3.5m: Inferred drilling breaks
1		1												
					2.0						100			
2		2												
					3.0									
3											100			
					4.0									3.78m: JT, 40°, UN, FE, SN, RF
4		3					CORE LOSS (750mm)				0			4.16m: JT, 45°, UN, FE, SN, RF
					5.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, FE staining	FR -SW	VH		100			
5	HQ Coring										100			5.1m: Inferred drilling break
							CORE LOSS (500mm)				0			5.45m: JT, 70°, UN, FE, SN, VR
6		4			6.0		GRANITE, mottled pink, cream, grey, spotted balck, coarse grained up to 20mm	MW FR	H-M VH		100			6.27m: Inferred drilling break
											100			6.6m: Inferred drilling break
7		5			7.0		mottled orange-cream, grey	MW -HW	H-M					
							CORE LOSS (3250mm)				0			7.35m: JT, 40°, UN, FE, SN, RF
8		6			8.0									
9					9.0									
10					10.0									

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 2 OF 3**	
Position :	403119.0 E, 5438577.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	20 Aug 18	**Date Completed :** 22 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	6			11.0		GRANITE, mottled pink, cream, grey spotted black, coarse grained up to 20mm	FR	VH		100				11
		7					finer grained zone up to 3mm (10.8 - 10.9m) becoming more coarse grained up to 15mm				100			11.1 - 12.31m: Inferred drilling breaks	
12		8			12.0									12.4m: JT, 5°, UN, FE, SN, RF	12
							CORE LOSS (950mm)	MW	H		0				
13		9			13.0						100				13
							GRANITE, mottled orange-cream, grey, coarse grained up to 15mm	MW -HW	H-M						
14		10			14.0		mottled pink, cream, grey, spotted black	FR -SW						13.85m: JT, 15°, UN, FE, SN, RF	14
							finer grained zone up to 10mm (14.2 - 14.35m)	FR			100			14.1 - 15.62m: Inferred drilling breaks	
		11									100				
15		12			15.0						100				15
16					16.0		CORE LOSS (350mm)				0			16.05m: JT, 5°, UN, FE, SN, RF	16
		13					GRANITE, mottled, orange-cream, grey, coarse grained up to 15-20mm	MW -HW	H-M VH		100				
17					17.0		mottled pink, cream, grey, spotted black	FR						16.78m: Inferred drilling break	17
											100			17.1m: Inferred drilling break	
		14					mottled orange-cream, grey	MW	H-M						
18					18.0		CORE LOSS (900mm)				0			17.68m: JT, 60°, UN, FE, SN, RF	18
							GRANITE, mottled orange-cream, grey, coarse grained up to 15mm	MW	H-M		100				
19		15	▽		19.0		mottled pink, cream, grey, spotted black	FR	VH		100			19.36 - 20.65m: Inferred drilling breaks	19
20					20.0										20

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 3 OF 3**	
Position :	403119.0 E, 5438577.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started :	20 Aug 18	Date Completed : 22 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	16		21.0		mottled orange-cream, grey	MW -HW	H-M		100				21
						CORE LOSS (1520mm)				0				
22				22.0		GRANITE, mottled pink, cream, grey spotted black, coarse grained up to 15mm	FR	VH		100			22.24m: JT, 20°, UN, FE, SN, RF 22.59 - 27.3m: Inferred drilling breaks	22
23		17		23.0						100				23
24				24.0										24
25		18		25.0						100				25
						mottled orange-cream, grey	MW	H						
						CORE LOSS (200mm)				0				
						GRANITE, mottled orange-cream, grey, coarse grained up to 15mm	MW FR	VH-H		100				
26		19		26.0		mottled pink, cream, grey, spotted black, coarse grained up to 15mm				100				26
27				27.0										27
						CORE LOSS (500mm)				100 0			27.35m: JT, 45°, UN, CN, RF	
28		20		28.0		GRANITE, mottled orange-cream, grey, coarse grained up to 15mm	MW FR	H VH		100				28
						mottled pink, cream, grey, spotted black				100			28.4m: Inferred drilling break	
29		21		29.0		mottled orange-cream, grey	MW -HW	H-M					28.9m: JT, 40°, UN, FE, SN, VR 29.0m: JT, 40°, UN, FE, SN, VR	29
						CORE LOSS (170mm)				0				
						GRANITE, mottled pink, cream, grey, spotted black	FR	VH		100			29.27m: JT, 40°, UN, FE, SN, VR	
													29.7m: Inferred drilling break	
30				30.0		End Of Hole @ 29.9m							29.9m: Inferred drilling break	30

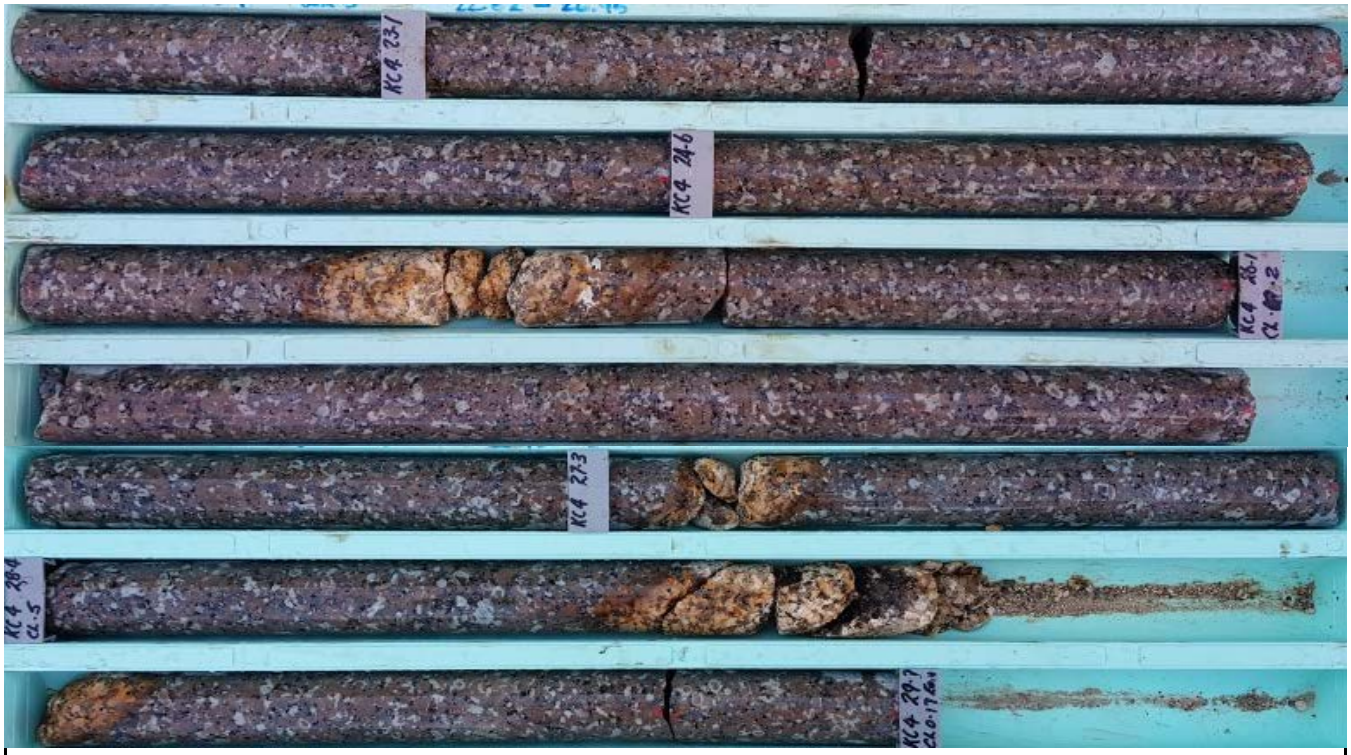
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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-4 0.3 - 22.82m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-4 22.82 - 22.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-4 22.82 - 22.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-5

SHEET 1 OF 5

Position : 402881.0 E, 5439944.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 11 Dec 18	**Date Completed :** 13 Dec 18	**Logged by :** JRN	**Date : 19/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	HQ Coring	1		0.50		GRANITE, mottled pink, grey, orange, spotted black, coarse grained up to 15-20mm, Fe staining	MW-SW	H-VH		100			0.0 - 1.33m: Boulder	0
1				1.28		no Festaining, becoming mottled pink , grey, cream, spotted black	FR						1.9m: JT, 30°, UN, FE, SN, VRF 0.74m: Inferred drilling break 0.97m: Inferred drilling break	1
				1.33		Fe staining, some feldspar crystals weatheredto clay CORE LOSS (2670mm)	MW XW-HW			0			1.24m: JT, 5°, UN, CN, VRF 1.3 - 27.0m: Inferred XW-HW	
2		2												2
3														3
4										0				4
5														5
6														6
7	PCD			7.00		GRANITE, mottled cream, pink, grey, coarse grained up to 15-20mm	XW-HW	M-VL						7
8														8
9														9
10														10

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-5

SHEET 2 OF 5

Position :	402881.0 E, 5439944.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :**	JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**	DR
Date Started :	11 Dec 18	**Date Completed :**	13 Dec 18	**Logged by :**	JRN	**Date :**	18/10/21

DRILLING				MATERIAL										ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
11	PCD													11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-5

SHEET 3 OF 5

Position :	402881.0 E, 5439944.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :**	JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**	DR
Date Started :	11 Dec 18	**Date Completed :**	13 Dec 18	**Logged by :**	JRN	**Date :**	18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
21														21
22														22
23														23
24														24
25	PCD													25
26														26
27							HW-MW	M-H					27.0m: Driller note - becoming harder, inferred HW-MW	27
28														28
29														29
30				30.00										30

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-5

SHEET 4 OF 5

Position : 402881.0 E, 5439944.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 11 Dec 18	**Date Completed :** 13 Dec 18	**Logged by :** JRN	**Date : 18/10/21**

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
				30.36		CORE LOSS (360mm)								
		3				GRANITE, mottled pale pink, grey, cream , orange, spotted black, coarse grained up to 15-20mm, Fe staining, some cream crystals (plagioclase) weathered to clay,	HW-MW	H		91			30.57m: JT, 15°, UN, FE, SN, VRF 30.7m: JT, 20°, UN, FE, SN, VRF 30.76m: JT, 10°, UN, FE, SN, VRF	
31				31.00		CORE LOSS (370mm)				0			30.97m: JT, 10°, UN, FE, SN, VRF	31
				31.37										
				31.57		GRANITE, mottled pale pink, grey, cream , orange, spotted black, coarse grained up to 15-20mm, Fe staining, some cream crystals (plagioclase) weathered to clay,	HW-MW SW	H VH					31.44m: JT, 10°, UN, CN, VRF 31.45m: JT, 60°, PLN, FE, INFILL, 3mm, RF 31.52m: JT, 15°, UN, FE, SN, VRF 31.56m: JT, 20°, UN, FE, SN, VRF 31.9m: Inferred drilling break	
32		4				becoming mottled orange-brown, grey, pink , cream, spotted black, Fe staining							32.05m: JT, 10°, UN, FE, VRF 32.1m: JT, 10°, UN, FE, SN, VRF	32
				32.30		reduction of Fe staining							32.32m: 10°, IR, FE, SN, RF 32.38m: JT, 55°, UN, FE, healed	
33				33.05		Increase in Fe staining	MW-SW						32.85m: Inferred drilling break	33
		5		33.40		becoming mottled pink, grey, white-cream, spotted black	FR			87			33.1 - 33.23m: CZ, fragments <20mm 33.3m: JT, 10°, PLN, FE, SN, RF 33.36m: JT, 10°, UN, FE, SN, RF	
										94			33.75m: Inferred drilling break	
34				34.30		Fe staining, white-cream crystals (plagioclase) becoming cream	MW						34.3m: JT, 30°, UN, FE, SN, RF 34.33m: JT, 15°, UN, FE, SN, RF	34
				34.60		Fe staining throughout	SW-FR						34.62m: JT, 5°, UN, FE, SN, RF 34.66m: JT, 5°, UN, FE, SN, RF	
				34.72		Fe staining near fractures only							34.74m: JT, 30°, UN, FE, SN, RF	
35	HQ Coring	6											34.98m: JT, 40°, UN, FE, SN, RF	35
													35.36m: JT, 5°, UN, FE, SN, RF 35.41m: JT, 5°, UN, FE, SN, RF 35.45m: JT, 45°, UN, FE, SN, RF 35.64m: Inferred drilling break	
36													35.92m: JT, 40°, UN, FE, SN, RF	36
				36.42		Increased Fe staining	MW						36.2m: Inferred drilling break 36.29m: JT, 80°, UN, FE, SN, RF	
				36.80		CORE LOSS (500mm)							36.62m: Inferred drilling break 36.7 - 36.8m: Inferred drilling breaks	
37				37.30										37
		7				GRANITE, mottled pink, grey, cream, orange-brown, spotted black, coarse grained up to 15-20mm, some cream crystals (plagiolcase) weathered to clay, Fe staining throughout	MW	VH-H		77				
38													37.95m: Inferred drilling break 38.12m: JT, 0°, UN, FE, SN, RF	38
													38.6 - 38.75m: Inferred drilling breaks 38.8m: JT, 55°, UN, FE, SN, RF	
				38.90						97				
39		8				becoming mottled pink, grey, cream-white, spotted black, Fe staining near fractutres							39.31m: JT, 20°, UN, FE, SN, RF 39.35m: JT, 30°, UN, FE, SN, RF	39
													39.8m: Inferred drilling break	
40														40

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-5

SHEET 5 OF 5

Position : 402881.0 E, 5439944.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 11 Dec 18	**Date Completed :** 13 Dec 18	**Logged by :** JRN	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41	HQ Coring	9					SW-FR			100			39.95m: JT, 60°, UN, FE, SN, RF 40.44m: JT, 40°, UN, FE, SN, RF 40.52m: JT, 20°, UN, CN, RF	41
42				42.60		pink crystals (orthoclase) becoming very pale, possible alteration							41.27m: JT, 50°, UN, FE, SN, RF 41.47m: Inferred drilling break 41.79m: Inferred drilling break	42
43		10		42.80 43.00 43.25		CORE LOSS (200mm) GRANITE, mottled pale pink, grey, cream, spotted black, coarse grained up to 15-20mm becoming pink, grey, cream in colour, Fe staining	SW-FR	VH		0 69			42.45m: Inferred drilling break 42.67m: JT, 40°, UN, FE, SN, RF 42.73m: JT, 60°, PLN, FE, SN, RF 43.05m: JT, 45°, UN, FE, SN, RF 43.2m: JT, 85°, UN, FE, SN, RF 43.46m: JT, 0°, UN, FE, SN, VRF 43.64m: JT, 15°, UN, FE, SN, RF	43
44													44.05m: JT, 45°, IR, FE, SN, RF 44.13m: JT. 70°, PLN, CN, RF	44
45		11		44.50		becoming mottled pink, grey, white, spotted black, slight green colour in some white (plagioclase) crystals.	FR			100			45.26m: JT, 25°, IR, CN, RF	45
46				46.00		End Of Hole @ 46.0m End of hole at 46.0 metres.							45.94m: Inferred drilling break 46.0m: Inferred drilling break	46
47														47
48														48
49														49
50														50

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-5a 0.0-44.3m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-5b 44.3-46.0m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-5	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-6

SHEET 1 OF 2

Position : 403398.0 E, 5440371.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 14 Dec 18	**Date Completed :** 17 Dec 18	**Logged by :** JRN	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
				0.62		GRANITE, mottled pink, grey yellow-cream, spotted black, coarse grained up to 15mm, Fe staining	SW	VH		100			
						CORE LOSS (3380mm)							0.62 - 4.0m: Inferred XW-HW
1	HQ Coring	1											
2													
3		2								0			
4				4.00									
				4.16		GRANITE, mottled pale pink, cream, grey, spotted black, coarse grained up to 15mm	MW-SW	VH-H		100			4.05m: JT, 50°, UN, FE, SN, VRF
						CORE LOSS (840mm)				0			4.1m: JT, 0°, UN, FE, SN, VRF 4.16 - 5.0m: Inferred XW-HW
5		3		5.00		GRANITE, mottled pink, grey, cream-white, spotted black, coarse grained up to 15mm	MW / FR	VH		100			
				5.36		CORE LOSS (840mm)	MW			0			5.36 - 6.2m: Inferred XW-HW
6				6.20		GRANITE, mottled pink, grey, cream-white, spotted black, coarse grained up to 15mm	SW / FR	VH		100			6.47m: Inferred drilling break
													6.77m: Inferred drilling break
7		4								100			7.0m: Inferred drilling break
				7.65		CORE LOSS (700mm)	MW			0			7.59m: JT, 0°, UN, FE, SN, RF 7.65 - 9.35m: Inferred XW-HW
8													
9				9.35		GRANITE, mottled, pink, grey cream-yellow, spotted black, coarse grained up to 15mm	MW / SW	VH		100			9.53m: JT, 70°, UN, FE, SN, VRF
10				10.00									

See standard sheets for details of abbreviations & basis of descriptions

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CONSULTING GEOTECHNICAL ENGINEERS AND GEOLOGISTS

Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-6

SHEET 2 OF 2

Position :	403398.0 E, 5440371.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :**	JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**	DR
Date Started :	14 Dec 18	**Date Completed :**	17 Dec 18	**Logged by :**	JRN	**Date :**	18/10/21

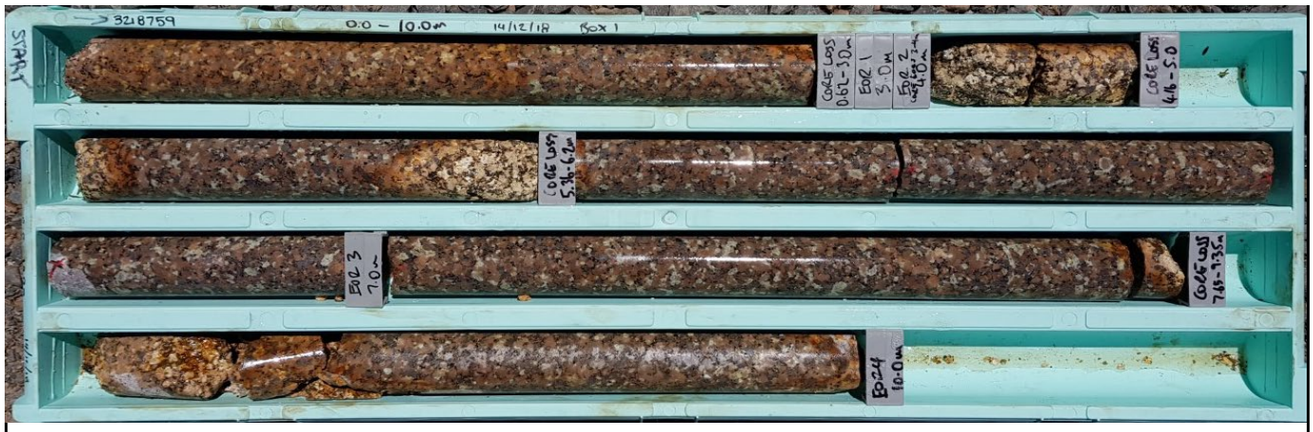
DRILLING				MATERIAL										ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
						End Of Hole @ 10.0m End of hole at 10.0 metres.								
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20

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Job No.

3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-6 0-10m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-7

SHEET 1 OF 3

Position : 403324.0 E, 5440753.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 18 Dec 18	**Date Completed :** 18 Dec 18	**Logged by :** JRN	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	HQ Coring	1				CORE LOSS (3750mm)				0			0.0 - 3.75m: Inferred XW-HW	0
1														1
2														2
3														3
				3.75										
				3.85		GRANITE, cream, coarse grained up to 15mm	MW	H		100				
4		2		4.00		GRAVEL, mottled cream, grey, fine to coarse, subangular to subrounded, HW granite fragments				0			4.0 - 18.0m: Inferred XW-HW	4
						CORE LOSS (3000mm)				0				
5														5
6														6
				7.00		GRANITE, mottled cream, white, grey, pale pink		M-VL						
7	PCD													7
8														8
9														9
10														10

Defect Spacing (mm): 20, 40, 100, 300, 1000
Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 14/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-7

SHEET 2 OF 3

Position :	403324.0 E, 5440753.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :**	JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**	DR
Date Started :	18 Dec 18	**Date Completed :**	18 Dec 18	**Logged by :**	JRN	**Date :**	18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
11	PCD								20 80		20 40 100 300 1000			11
12														12
13														13
14														14
15														15
16														16
17														17
18								M-H					18.0m: Driller note, becoming harder, Inferred MW	18
19														19
20														20

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-7

SHEET 3 OF 3

Position : 403324.0 E, 5440753.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 18 Dec 18	**Date Completed :** 18 Dec 18	**Logged by :** JRN	**Date : 21/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	PCD			21.70		becoming pale pink, grey, cream, spotted black, coarse grained up to 15mm		VH		100				21
22	HQ Coring			21.95		becoming mottled red-pink, cream, grey, spotted black, Fe staining							21.96m: JT, 5°, UN, CN, VRF	22
				22.52		Silty SAND, pale grey, spotted white, black, fine to coarse				0				
				22.57		GRANITE, pale pink, cream, grey, spotted black, coarse grained up to 15mm				79			22.75m: JT, 20°, UN, FE, SN, RF	
23				22.70		becoming mottled red-pink, grey, cream-white, spotted black							23.15 - 23.3m: JT x 4, 0°, UN, CN, RF	23
				23.30		End Of Hole @ 23.3m End of hole at 23.3 metres.								
24														24
25														25
26														26
27														27
28														28
29														29
30														30

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Job No.

3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-7 0-23.3m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-7	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-8

SHEET 1 OF 2

Position : 403647.0 E, 5440893.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 19 Dec 18	**Date Completed :** 19 Dec 18	**Logged by :** JRN	**Date: 21/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1				GRANITE, mottled red-pink, yellow-cream, grey, spotted black, coarse grained up to 15mm	SW / FR	VH		100			0.96m: Inferred drilling break	1
				1.62										
				1.64		Fe staining	SW			0			1.64 -3.35m: Inferred XW-HW	
2						CORE LOSS (1710mm)								2
3				3.35		GRANITE, mottled orange-cream, grey, coarse grained up to 15mm, Fe staining	MW	VH-H		100			3.42m: JT, 5°, UN, FE, SN, RF 3.5m: JT, 5°, UN, CN, RF 3.65m: JT, 5°, UN, FE, SN, RF	3
		2		3.80		CORE LOSS (6600mm)				0			3.8 - 10.4m: Inferred XW-HW	
4														4
5														5
6														6
7		3								0				7
8														8
9														9
10														10

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 14/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-8

SHEET 2 OF 2

Position : 403647.0 E, 5440893.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 19 Dec 18	**Date Completed :** 19 Dec 18	**Logged by :** JRN	**Date : 21/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	4		10.40		GRANITE, mottled red-pink, cream, grey, spotted black, coarse grained up to 15mm	MW / FR	VH		0 / 100	20 40 100 300 1000		10.65m: Inferred drilling break 11.04m: Inferred drilling break 11.27m: Inferred drilling break 11.4m: JT, 20°, IR, CN, RF 11.4 - 13.0m: Inferred XW-HW	11
12				11.40		CORE LOSS (1600mm)				0				12
13				13.00		End Of Hole @ 13.0m End of hole at 13.0 metres.								13
14														14
15														15
16														16
17														17
18														18
19														19
20														20

Core Recovery (%): 20 80

Defect Spacing (mm): 20 40 100 300 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-8 0-13m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-8	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			- Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-9

SHEET 1 OF 1

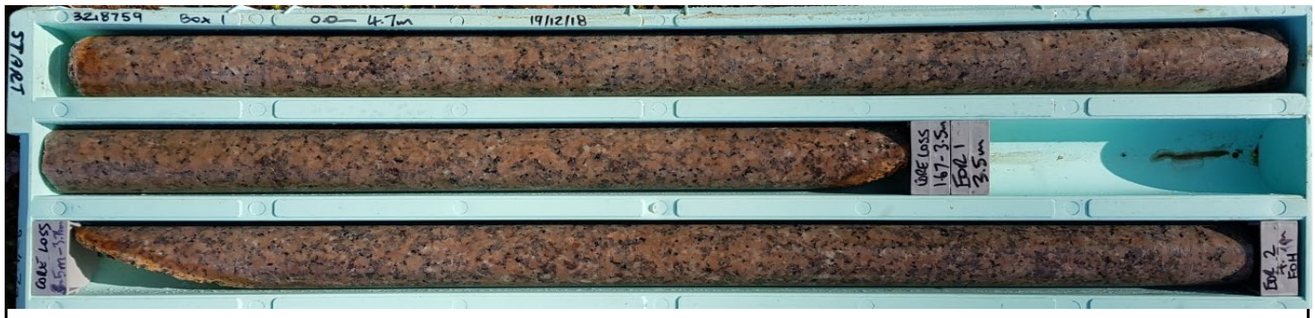
Position :	403743.0 E, 5440783.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**
Date Started :	20 Dec 18	**Date Completed :**	20 Dec 18	**Logged by :**	JRN	**Date :**

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) (20 / 80)	RQD (%)	Defect Spacing (mm) (20 / 40 / 100 / 300 / 1000)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results
0													
1	HQ Coring	1				GRANITE, mottled pink-brown, grey, spotted black, coarse grained up to 15mm	MW / FR	VH		100			0.97m: Inferred drilling break
				1.67									
2						CORE LOSS (2090mm)	MW			0			1.67m: JT, 45°, FE, UN, SN, VRF 1.67 - 3.76m: Inferred XW-HW
				3.76						0			
3		2				GRANITE, mottled pink-brown, grey, spotted black, coarse grained up to 15mm	MW / FR	VH		100			3.76m: JT, 55°, UN, FE, SN, VRF
4				4.70									
5						End Of Hole @ 4.7m End of hole at 4.7 metres.							4.7m: Inferred drilling break
6													
7													
8													
9													
10													

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-9 0-4.7m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-9 0-4.7m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-10

SHEET 1 OF 9

Position : 404370.0 E, 5440604.0 N	Surface RL : NR	Inclination\Bearing : -70 \ 125	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 7 Jan 19	Date Completed : 15 Jan 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1		1.0		CORE LOSS (2400mm)				0				1
2				2.0		BASALT, dark grey, orange, Fe staining	MW	VH						2
3		2		3.0		CORE LOSS (800mm)				0				3
						BASALT, dark grey, orange, Fe staining	MW	VH		0				
4		3		4.0		CORE LOSS (1100mm)				0				4
5				5.0		BASALT, dark grey, orange, Fe staining	MW-SW	VH		0			5.53m: JT, 70°, IR, FE, SN, SO 5.78m: JT, 85°, UN, FE, SN, SO 5.83m: JT, 20°, UN, FE, SN, SO 5.98m: JT, 35°, UN, FE, SN, SO	5
6		4		6.0		CORE LOSS (900mm)				0				6
7		5		7.0		BASALT, dark grey, orange, Fe staining	MW-SW	VH		0			6.9 - 7.7m: JT, 10-30°, UN, FE, SN, SO, 50-100mm spacing	7
8		6		8.0		CORE LOSS (600mm)				0				8
9				9.0		BASALT, dark grey, orange, Fe staining	SW	VH		31			8.3 - 8.7m: JT, 20-35°, PL-UN, FE, SN, SO, 110-150mm spacing 8.7 - 9.35m: JT, 20-35°, PL-UN, FE, SN, SO, 40-80mm spacing	9
							HW-MW	H					9.35 - 9.6m: JT, FE, SN, SO, 30-50mm spacing, core too disturbed to obtain defect angles	
10		7		10.0		CORE LOSS (2000mm)				0				10

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		**SHEET 2 OF 9**
Position :	404370.0 E, 5440604.0 N	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 125	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	7 Jan 19	**Date Completed :** 15 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	7			11.0										11
							BASALT, cream-orange, spotted white	MW-SW	VH		0			11.7 - 11.8m: JT, FE, SN, SO, 30-50mm spacing, core too disturbed to obtain defect angles	
12		8			12.0		CORE LOSS (900mm)				0				12
							BASALT, cream-orange, spotted white	XW	VL		0				
13		9			13.0		CORE LOSS (600mm)				0				13
							BASALT, dark grey, orange, Fe staining	XW	VL		0				
								SW	VH		0			13.5 - 14.0m: core too disturbed to log defects	
14		10			14.0			MW-SW			0			14.2m: JT, 35°, IR, FE, SN, SO 14.28m: JT, 20°, IR, FE, SN, SO 14.3 - 14.6m: CZ, angular fragments up to 40mm	14
							CORE LOSS (500mm)				0				
15		11			15.0		BASALT, dark grey, orange, Fe staining	MW-SW	VH		23			15.15m: JT, 50°, UN, FE, SN, SO	15
								SW						15.3m: JT, 45°, IR, FE, SN, SO 15.35m: JT, 45°, UN, FE, SN, SO 15.4m: JT, 15°, IR, FE, SN, SO 15.5m: JT, 10°, UN, FE, SN, SO 15.55m: JT, 10°, UN, FE, SN, SO 15.65m: JT, 15°, UN, FE, SN, SO 15.7m: JT, 35°, PLN, FE, SN, SO	
							CORE LOSS (2300mm)				0				
16		12			16.0										16
17					17.0										17
18					18.0		BASALT, dark grey, orange, Fe staining	SW	VH		0				18
							becoming orange-brown, spotted white	XW	VL						
							CORE LOSS (1500mm)				0				
19		13			19.0										19
20					20.0										20

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 3 OF 9
Position :	404370.0 E, 5440604.0 N	Surface RL : NR	Inclination\Bearing : -70 \ 125	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked :
Date Started :	7 Jan 19	Date Completed : 15 Jan 19	Logged by : JRN	Date :

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	13		21.0		BASALT, orange-brown, spotted white	XW	VL		100				21
		14												
22		15		22.0		CORE LOSS (1700mm)				0				22
23				23.0						0				23
		16				BASALT, pale brown-grey, vesicular becoming orange yellow	HW / XW	M / VL		0				
24				24.0		pale brown-grey, vesicular	HW							24
						TUFF, mottled red-brown-orange	HW	VL						
						GRANITE, light mottled grey, white, coarse grained up to 8mm	SW	VH						
25		17		25.0		CORE LOSS (800mm)				0				25
						GRANITE, light mottled grey, white, coarse grained up to 8mm	SW	VH						
26		18		26.0		CORE LOSS (600mm)				0			25.6m: JT, 45°, CU, FE, SN, SO	26
27				27.0		GRANITE, mottled pale cream-white, coarse grained up to 8mm	XW	VL		0				27
						CORE LOSS (2900mm)				0				
28		19		28.0										28
29				29.0										29
30				30.0										30

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 4 OF 9**	
Position :	404370.0 E, 5440604.0 N	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 125	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	7 Jan 19	**Date Completed :** 15 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	19		31.0		GRANITE, mottled pale cream-white, coarse grained up to 8mm CORE LOSS (2900mm)	XW	VL		0 0				31
32		20		32.0										32
33				33.0										33
34		21		34.0		GRANITE, mottled pale cream-white, coarse grained up to 8mm CORE LOSS (10300mm)		VL		0				34
35				35.0										35
36		22		36.0						0				36
37				37.0						0				37
38		23		38.0										38
39				39.0										39
40				40.0										40

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-10

SHEET 5 OF 9

Position : 404370.0 E, 5440604.0 N | Surface RL : NR | Inclination\Bearing : -70 \ 125 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked :

Date Started : 7 Jan 19 | Date Completed : 15 Jan 19 | Logged by : JRN | Date :

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41	HQ Coring	23		41.0		40.0m: Tertiary sediments?							40.0m: Tertiary sediments?	41
42				42.0										42
43				43.0										43
44				44.0		SAND with gravel, mottled grey, pink, white, sand medium to coarse, gravel fine, subrounded, L to M strength, HW granite								44
45				45.0		GRANITE, pale pink, cream, grey, coarse grained up to 10mm	XW	M-L		31			45.5 - 45.7m: Inferred drilling break	45
46		24		46.0		CORE LOSS (3550mm)				0			45.7 - 49.25m: Inferred drilling breaks	46
47				47.0										47
48				48.0										48
49				49.0										49
50				50.0		GRANITE, pale pink, cream, grey, coarse grained up to 10mm	XW	M-L		0				50

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-10

SHEET 6 OF 9

Position : 404370.0 E, 5440604.0 N | Surface RL : NR | Inclination\Bearing : -70 \ 125 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 7 Jan 19 | Date Completed : 15 Jan 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	24		51.0		CORE LOSS (300mm)				0			50.0m: JT, 45°, UN, FE, SN, RF	51
52		25		52.0		GRANITE, pale pink, cream, grey, coarse grained up to 14mm	HW-MW	H-M					50.58m:JT, 5°, UN, CN, VRF 50.82m: JT, 5°, UN, CN, VRF 51.28m: JT. 10°, UN, CN, VRF 51.43m: JT, 15°, UN, CN, VRF 51.53m: JT, 25°, UN, CN, VRF 51.59m: JT, 45°, UN, CN, SO 51.71m: JT, 40°, UN, CN, SO 52.04m: JT, 5°, UN, CN, VRF 52.12m: JT, 55°, UN, CN, SO 52.26m: JT, 55°, UN, FE, SN, SO 52.38m: JT, 45°, UN, FE, SN, SO 52.26 - 52.63m: CZ, angular fragments up to 8mm 52.66m: JT, 5°, UN, CN, SO 52.77m: JT, 15°, UN, CN, SO 52.94m: JT, 5°, UN, CN, RF 53.19m: JT, 20°, PLN, CN, SO 53.26m: JT, 40°, PLN, CN, SO 53.31m: JT, 40°, UN, CN, SO 53.35m: JT, 10°, PLN, CN, SO 53.48m: JT, 80°, PLN, CN, SO 53.53m: JT, 15°, UN, CN, RF 53.78 - 54.0m: Inferred drilling breaks	52
53				53.0										53
54				54.0		CORE LOSS (6900mm)				0				54
55		26		55.0										55
56				56.0										56
57				57.0										57
58				58.0										58
59				59.0										59
60				60.0										60

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		**SHEET 7 OF 9**
Position :	404370.0 E, 5440604.0 N	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 125	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :**
Date Started :	7 Jan 19	**Date Completed :** 15 Jan 19	**Logged by :** JRN	**Date :**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	26			61.0		GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm	MW	H		41			60.95 - 61.1m: CZ, subangular fragments up to 20mm 61.35 - 61.55m: CZ, subangular-subrounded fragments up to 15mm 61.67m: JT, 20°, IR, CN, VRF	61
62					62.0									62.04m: JT, 5°, UN, CN, VRF 62.16m: JT, 65°, PLN, CN, SO 62.3 - 62.47m: CZ, subangular-subrounded up to 30mm 62.59 - 62.7m: CZ, subangular-subrounded up to 10mm 62.78m: JT, 5°, UN, CN, VRF	62
63		27			63.0						85			63.26m: JT, 15°, IR, CN, VRF 63.68m: JT, 15°, IR, CN, VRF	63
64					64.0									64.14m: JT, 35°, IR, CN, VRF 64.21m: JT, 40°, UN, CN, VRF 64.57m: JT, 50°, UN, CN, VRF 64.7m: JT, 80°, UN, CN, VRF	64
65					65.0									65.15m: JT, 5°, UN, CN, VRF 65.45m: JT, 35°, UN, CN, VRF 65.45 - 65.5m: CZ, subangular fragments up to 20mm	65
66		28			66.0						88			65.63m: JT, 50°, UN, CN, VRF 65.7m: JT, 25°, UN, CN, VRF 65.93m: JT, 45°, IR, CN, VRF 66.17m: JT, 35°, PLN, CN, VRF 66.59m: JT, 5°, UN, CN, VRF 66.79m: JT, 55°, UN, CN, VRF	66
67					67.0									66.99m: JT, 15°, IR, CN, VRF 67.11m: JT, 0°, IR, CN, VRF 67.2m: JT, 15°, IR, CN, VRF 67.45 - 67.55m: CZ, subangular fragments up to 30mm 67.69m: JT, 0°, UN, CN, VRF 67.75m: JT, 10°, UN, CN, VRF 67.8m: JT, 10°, IR, CN, VRF 68.0 - 68.1m: CZ, subangular fragments up to 20mm	67
68		29			68.0		CORE LOSS (200mm)				0				68
							GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm	MW	H		50				
69		30			69.0		CORE LOSS (1300mm)				0				69
											67				
70		31			70.0		GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm	MW	H		0				70

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-10

SHEET 8 OF 9

Position : 404370.0 E, 5440604.0 N	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 125	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 7 Jan 19	**Date Completed :** 15 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
71	HQ Coring	31		71.0		CORE LOSS (600mm)	MW			0			70.6 - 71.2m: CZ, subangular-angular fragments up to 50mm	71
		32				GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm		H		0				
72				72.0		CORE LOSS (4100mm)	MW			0			71.8m: JT, 40°, PLN, CN, SO 71.85 - 72.0m: CZ, subangular-angular fragments up to 30mm	72
		33								88			72.14 - 72.17m: CZ, subrounded-subangular fragments up to 25mm 72.47m: JT, 5°, UN, CN, VRF	
73				73.0									72.9m: JT, 60°, ST, CN, VRF	73
													73.48m: JT, 10°, UN, CN, VRF	
74				74.0									73.85m: JT, 45°, UN, CN, VRF 74.05 - 74.3m: SZ, 75°, UN, CN, SO	74
		34								97			74.43m: JT, 50°, PLN, CN, RF 74.47m: JT, 15°, UN, CN, RF 74.59m: JT, 45°, IR, CN, VRF 74.76m: JT, 10°, IR, CN, VRF	
75				75.0									75.11m: JT, 60°, PLN, CN, RF 75.2m: JT, 5°, UN, CN, VRF 75.31m: JT, 10°, IR, CU, VRF	75
													75.73m: JT, 30°, UN, CN, VRF	
76				76.0		GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm		H		0				76
	NQ Coring	35				CORE LOSS (1400mm)	MW			54			76.35m: JT, 20°, UN, CN, VRF 76.4m: JT, 20°, IR, CN, VRF 76.5m: JT, 20°, UN, CN, VRF	
77				77.0									76.72m: JT, 10°, UN, CN, VRF 76.84m: JT, 15°, UN, CN, VRF 77.07m: JT, 5°, IR, CN, VRF 77.18m: JT, 5°, IR, CN, VRF	77
													77.32m: JT, 75°, PLN, CN, VRF 77.32 - 77.7m: CZ, subangular-subrounded fragments up to 40mm	
78				78.0		GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm		H		0				78
		36												
79				79.0		CORE LOSS (900mm)	MW			50			79.1 - 79.25m: CZ, subrounded-subangular fragments up to 40mm 79.46m: JT, 25°, IR, CN, VRF	79
													79.67m: 45°, IR, CN, CN, VRF	
80				80.0						0				80

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		**SHEET 9 OF 9**
Position :	404370.0 E, 5440604.0 N	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 125	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	7 Jan 19	**Date Completed :** 15 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

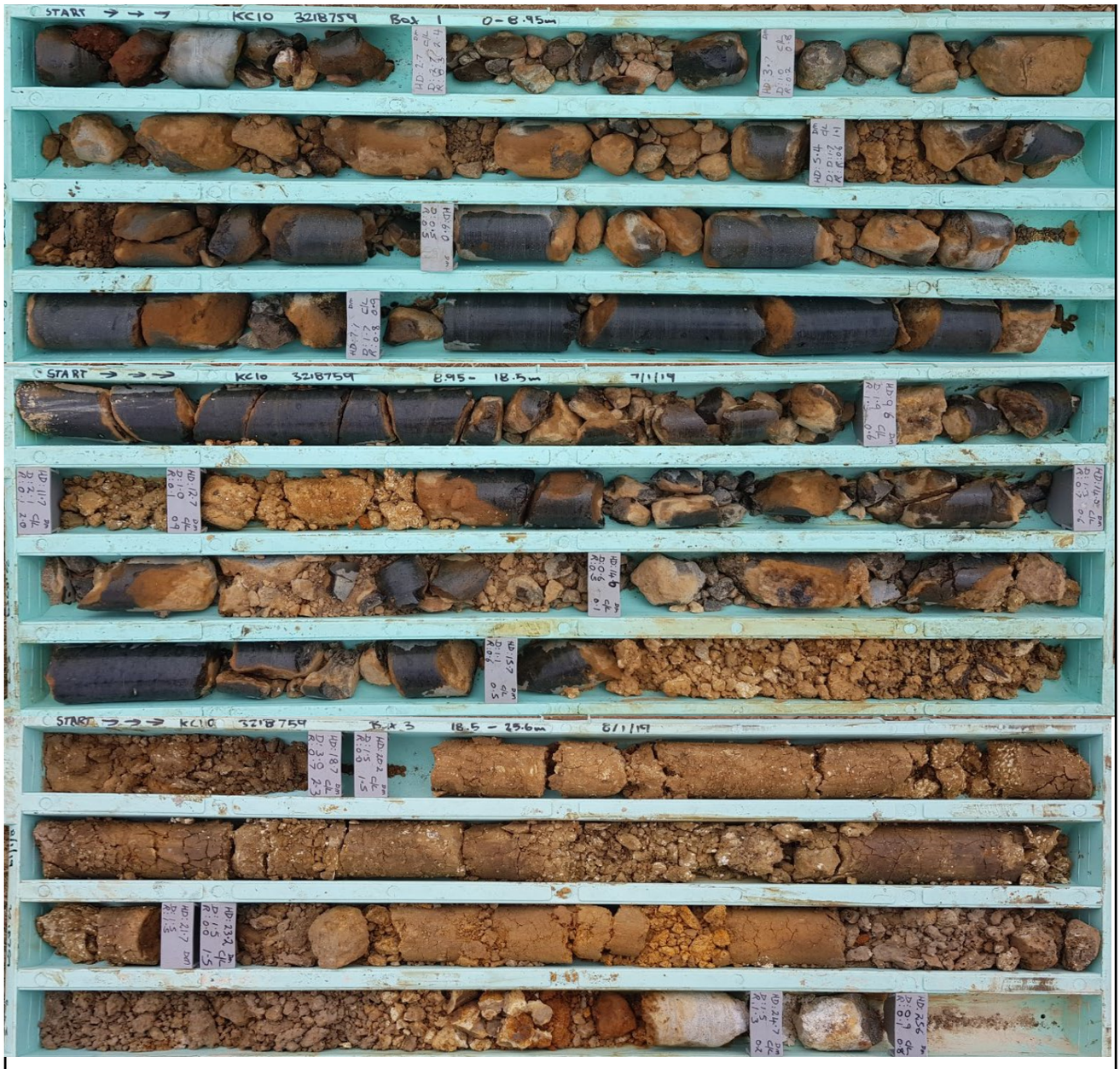
SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
81	NQ Coring	37			81.0		GRANITE, red-pink, grey, cream-yellow, coarse grained up to 14mm	MW-SW	VH		75			80.0m JT, 25°, UN, CN, VRF 80.06m: JT, 45°, UN, CN, VRF 80.19m: JT, 45°, UN, CN, VRF 80.55m: JT, 5°, IR, CN, VRF 80.76m: JT, 55°, UN, CN, RF 80.9m: JT, 35°, UN, CN, VRF 81.0m: JT, 45°, UN, CN, VRF 81.12m: JT, 45°, UN, CN, VRF 81.26m: JT, 5°, UN, CN, RF 81.43m: JT, 35°, UN, CN, VRF	81
82		38			82.0		becoming red-pink, grey, cream, spotted black	SW-FR	VH		78			81.6m: JT, 5°, UN, CN, VRF 81.68m: JT, 45°, UN, CN, VRF 81.73m: JT, 45°, UN, CN, VRF 81.83m: JT, 10°, UN, CN, VRF 81.87m: JT, 10°, UN, CN, VRF 82.05m: JT, 15°, UN, CN, VRF 82.32m: JT, 35°, UN, CN, VRF	82
83					83.0		cream crystals becoming cream-yellow	MW-SW						82.66m: JT, 35°, UN, CN, VRF 82.9m: JT, 15°, UN, CN, VRF	83
							CORE LOSS (400mm)				0			83.12m: JT, 45°, UN, FE, SN, RF 83.18m: JT, 45°, UN, FE, SN, RF	
							End Of Hole @ 83.6m								
84					84.0										84
85					85.0										85
86					86.0										86
87					87.0										87
88					88.0										88
89					89.0										89
90					90.0										90

Core Recovery (%): 20, 80. Defect Spacing (mm): 20, 40, 100, 300, 1000.

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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-10a 0-25.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-10b 25.6-64.57m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-10c 64.57-79.70m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-10d 79.7-83.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-10d	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			- Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-11

SHEET 1 OF 3

Position : 401119.0 E, 5435749.0 N GDA94 | Surface RL : NR | Inclination\Bearing : -70 \ 010 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked :

Date Started : 17 Jan 19 | Date Completed : 21 Jan 19 | Logged by : JRN | Date :

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0				0.0		CORE LOSS (600mm)								0
		1				BASALT, dark brown-orange	XW	VL		50			0.6m: recovered as gravelly silt	
1				1.0		becoming cream-orange	MW	VH					0.95m: JT, 50°, PLN, FE, VE, RF	1
		2				becoming pale grey, spotted black, fine to medium grained, Fe staining on joint surfaces	SW-MW			44			1.1m: JT, 20°, IR. FE, SN, RF 1.32-1.45m: too disturbed to log defects 1.49m: JT, 45°, PLN, FE, SN, RF 1.54m: JT, 45°, CU, FE, SN, RF 1.6m: JT, 45°, PLN, FE, SN, RF 1.78m: JT, 40°, PLN, FE, VE, RF	
2				2.0		CORE LOSS (300mm)								2
		3				BASALT, pale grey, spotted black, fine to medium grained, Fe staining on joint surfaces, minor vesicles, possible flow banding				90			2.46m: JT, 75°, UN, HEALED 2.74m: JT, 5°, UN, CA, VE, RF	
3				3.0									3.17m: JT, 5°, UN, CA, VE, RF	3
		4											3.48m: JT, 15°, UN, CA, VE, RF 3.56m: JT, 0°, UN, CA, VE, RF	
4	HQ Coring			4.0						12			3.81m: JT, 15°, UN, CA, VE, RF 3.86m: JT, 20°, UN, CA, VE, RF 3.9m: JT, 20°, UN, CA, VE, RF 3.91-4.0m: too disturbed to log defects 4.1m: JT, 20°, UN, CA, VE, RF 4.2m: JT, 20°, UN, CA, VE, RF 4.3m: JT, 25°, PLN, FE, SN, RF 4.44m: JT, 25°, PLN, FE, SN, RF 4.47-4.92m: sub-horizontal joint, UN, FE, SN, RF	4
5		5		5.0						69			4.98m: JT, 20°, PLN, FE, SN, RF 5.02m: JT, 20°, PLN, FE, SN, RF 5.04m: JT, 20°, PLN, FE, SN, RF 5.17m: JT, 20°, PLN, CA, VE, RF 5.31m: JT, 15°, UN, CA, VE, RF 5.46m: JT, 20°, PLN, CA, VE, RF	5
6				6.0									6.13m: JT, 20°, PLN, CA, VE, RF 6.22m: JT, 5°, UN, CA, VE, RF 6.39m: JT, 15°, UN, CA, VE, RF 6.43m: JT, 15°, UN, CA, VE, RF 6.52m: JT, 15°, UN, CA, VE, RF 6.55m: JT, 15°, UN, CA, VE, RF 6.64m: JT, 35°, UN, FE, SN, RF	6
7		6		7.0						82			6.9m: JT, 10°, UN, CA, SN, RF 7.0m: JT, 45°, PLN, FE, SN, SO 7.12m: JT, 10°, PLN, FE, SN, SO 7.45m: JT, 10°, IR, CN, RF 7.75m: JT, 10°, UN, CN, RF 7.8m: JT, 15°, UN, CA, VE, RF 7.86m: JT, 15°, PLN, CA, VE, RF	7
8				8.0									8.67m: JT, 20°, PLN, FE, RF 8.83m: JT, 20°, PLN, CA, VE, RF	8
9		7		9.0						38			8.97m: JT, 50°, PLN, FE, VE, SO 9.26m: JT, 60°, PLN, FE/CA, VE, SO 9.6m: JT, 5°, UN, CA, VE, RF 9.73m: JT, 20°, UN, CA, VE, RF 9.78m: JT, 5°, UN, CA, VE, RF	9
10				10.0										10

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-11**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 2 OF 3**	
Position :	401119.0 E, 5435749.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 010
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	17 Jan 19	**Date Completed :** 21 Jan 19	**Logged by :** JRN

Processed : JRN

Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11	HQ Coring	7			11.0		aphanitic, possible chill margin becoming black/glassy dark greay, highly vesicular reduction in vesicles highly vesicular with amygdales		M-H		58			9.86m: JT, 45°, UN, CA, VE, RF 9.92m: JT, 10°, UN, CN, RF 9.94m: JT, 10°, UN, CN, RF 10.47m: JT, 20°, UN, CA, VE, RF 10.5m: JT, 20°, UN, CA, VE, RF 10.75m: JT, 10°, UN, CN, RF 10.87m: JT, 40°, UN, CN, RF
12		8			12.0		white powder like substance on core (11.2-11.9m)		VH		60			11.15m: JT, 5°, UN, CN, RF 11.25m: JT, 5°, UN, CN, RF 11.46m: JT, 5°, UN, CN, RF 11.57m: JT, 80°, UN, CN, RF, DIS 11.61m: JT, 5°, UN, CN, RF 11.75m: JT, 90°, UN, CN, RF, DIS 12.35m: JT, 10°, IR, CN, RF
13		9			13.0		becoming black and glassy, no vesicles, white powder like substance on core		M-H					12.6m: JT, 0°, UN, CN, RF 12.7m: JT, 10°, UN, CN, RF 12.85m: JT, 5°, UN, FE/CA, RF 12.93m: JT, 10°, UN, FE, SN, RF 12.97m: JT, 20°, UN, FE, VE, RF 13.02m: JT, 20°, UN, FE/CA, VE, RF 13.2m: JT, 55°, UN, FE/CA, VE, RF 13.58m: JT, 5°, UN, CN, RF
14					14.0		becoming pale grey, spotted black		VH					13.93m: JT, 50°, UN, CN, RF 14.02m: JT, 40°, UN, CN, RF 14.05m: JT, 10°, PLN, CA, VE, RF
15					15.0		vesicles in creasing, amygdales							14.96m: JT, 20°, PLN, CN, RF
16		10			16.0		reduction in vesicles	FR-SW			84			15.55m: JT, 10°, ST, CN, RF 15.66m: JT, 30°, IR, CN, RF 15.73m: JT, 30°, IR, CN, RF 15.85m: JT, 5°, UN, CN, RF 15.95m: JT, 5°, UN, CN, RF 16.05m: JT, 10°, UN, CA, VE, RF 16.33m: JT, 10°, UN, CN, RF 16.36m: JT, 15°, UN, CN, RF 16.39m: JT, 10°, UN, CN, RF
17					17.0									17.0m: JT, 65°, PLN, CA, VE, RF 17.1m: JT, 15°, UN, CN, RF 17.15m: JT, 15°, PLN, CA/FE, VE, RF 17.33m: JT, 65°, UN, CA/FE, VE, RF
18		11			18.0						76			17.48m: JT, 15°, PLN, CA, VE, RF 17.56m: JT, 15°, PLN, CN, RF 17.58m: JT, 15°, UN, CN, RF 17.71m: JT, 20°, UN, FE, SN, RF 17.88m: JT, 20°, UN, FE/CA, VE, RF 18.02m: JT, 55°, UN, FE, SN, RF 18.03m: JT, 15°, UN, FE, SN, RF 18.28m: JT, 15°, UN, FE, SN, RF 18.58m: JT, 20°, UN, FE, SN, RF
19					19.0		black-brown, becoming more vesicular, amygdales becoming dark grey							18.84m: JT, 20°, UN, FE, SN, RF 19.0m: JT, 40°, PLN, FE, SN, RF 19.23m: JT, 5°, UN, FE, SN, RF 19.55m: JT, 15°, UN, CN, RF
20					20.0						72			

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-11**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	3 OF 3
Position :	401119.0 E, 5435749.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -70 \ 010
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	
Date Started :	17 Jan 19	**Date Completed :** 21 Jan 19	**Logged by :** JRN

Processed : JRN
Checked : DR
Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results
21	HQ Coring	12			21.0		reduction in vesicles							20.18m: JT, 5°, UN, CN, RF 20.25m: JT, 5°, UN, CN, RF 20.32m: JT, 5°, UN, CN, RF 20.53m: JT, 45°, PLN, FE, SN, RF 20.56m: JT, 30°, UN, FE, SN, RF
							increase in vesicles							20.95m: JT, 20°, UN, FE, SN, RF 21.04m: JT, 20°, UN, FE, SN, RF 21.1m: JT, 15°, UN, FE, SN, RF 21.22m: JT, 10°, UN, FE, SN, RF 21.3m: JT, 25°, UN, FE, SN, RF 21.34m: JT, 10°, UN, FE, SN, RF 21.63m: JT, 30°, IR, FE, SN, RF
22					22.0		becoming grey-brown, white powder like substance on core	MW-HW	H-M		23			21.9m: JT, 45°, PLN, FE, SN, RF 22.06-22.48m, JT, x10, 5°, UN, FE, SN, RF
							GRANITE, mottled cream, orange, grey	XW	VL-L					22.5m: recovered as gravelly sandy clay
23		13			23.0		CORE LOSS (2100mm)							
24					24.0									
25					25.0		End of Hole @ 24.9m							
26					26.0									
27					27.0									
28					28.0									
29					29.0									
30					30.0									

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-11a 0-14.45m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-11b 14.45-24.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-11b	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 1 OF 6

Position : 404876.0 E, 5440435.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 21 Jan 19	**Date Completed :** 23 Jan 19	**Logged by :** JRN	**Date : 18/10/21**

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
1	HQ Coring	1				CORE LOSS (4500 mm)	-	-		0			42 m of HQ rods stuck down hole	1
2														2
3														3
4				4.50										4
5	PCD					NOT LOGGED	-	-						5
6														6
7														7
8														8
9														9
10														10

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 15/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 2 OF 6

Position :	404876.0 E, 5440435.0 N \ 55	**Surface RL :**	NR	**Inclination\Bearing :**	-90 \ 000	**Processed :**	JRN
Contractor :	Spaulding Drillers	**Rig Type :**	G&K850			**Checked :**	DR
Date Started :	21 Jan 19	**Date Completed :**	23 Jan 19	**Logged by :**	JRN	**Date :**	18/10/21

DRILLING				MATERIAL										ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
11	PCD													11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 3 OF 6

Position : 404876.0 E, 5440435.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 21 Jan 19	**Date Completed :** 23 Jan 19	**Logged by :** JRN	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20–80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
21	PCD													21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 4 OF 6

Position : 404876.0 E, 5440435.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 21 Jan 19	**Date Completed :** 23 Jan 19	**Logged by :** JRN	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	PCD													31
	HQ Coring	2		31.40		GRANITE, brown orange	HW	VL-L		0				
				31.80		NOT LOGGED	-	-						
32														32
33														33
34														34
35														35
36	PCD													36
37														37
38														38
39														39
40														40

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 5 OF 6

Position : 404876.0 E, 5440435.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :**
Date Started : 21 Jan 19	**Date Completed :** 23 Jan 19	**Logged by :** JRN	**Date :**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41	PCD													41
42														42
43														43
44														44
45														45
46	HQ Coring	3		45.40		GRANITE, coarse grained, red-pink, grey, spotted black	SW-FR	VH						46
47														47
48														48
49														49
50														50

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-12

SHEET 6 OF 6

Position : 404876.0 E, 5440435.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked : DR**
Date Started : 21 Jan 19	**Date Completed :** 23 Jan 19	**Logged by :** JRN	**Date : 18/10/21**

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%) 20 80	RQD (%)	Defect Spacing (mm) 20 40 100 300 1000	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
51	HQ Coring	3			× × ×									51
52				52.20	× × ×	End of hole at 52.2 metres.								52
53														53
54														54
55														55
56														56
57														57
58														58
59														59
60														60

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Job No.
3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-12	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-13a

SHEET 1 OF 3

Position : 403833.0 E, 5439599.0 N GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 24 Jan 19	Date Completed : 24 Jan 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1		1.0		CORE LOSS (3700mm)								1
2				2.0										2
3				3.0										3
4				4.0		GRANITE, cream, pale brown, coarse grained, up to 10mm, feldspars weathered to clays	XW	L		0				4
5	PCD			5.0		NOT LOGGED								5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

Defect Spacing (mm): 20, 40, 100, 300, 1000
Core Recovery (%): 20, 80

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-13a

SHEET 2 OF 3

Position : 403833.0 E, 5439599.0 N GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 24 Jan 19	Date Completed : 24 Jan 19	Logged by : JRN	Date : 18/12/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD			11.0										11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
17				17.0										17
18				18.0										18
19	HQ Coring	2		19.0		GRANITE, mottled pale pink, greym yellow-cream, black, coarse grained, up to 15mm	FR-SW	VH		100				19
		3				CORE LOSS (2500mm)				100				
										0				
20		4		20.0										20

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-13a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	3 OF 3
Position :	403833.0 E, 5439599.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	24 Jan 19	**Date Completed :** 24 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	4		21.0										21
22				22.0		GRANITE, mottled pale cream, pink, orange, grey, coarse grained, up to 15mm	MW-HW	H-VH		100			21.83m: JT, 50°, UN, FE, SN, VRF	22
						End of Hole @ 22.1m							22.1m: JT, 40°, UN, FE, SN, VRF	
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27				27.0										27
28				28.0										28
29				29.0										29
30				30.0										30

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 1 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 2 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
11	PCD												11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30													30

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 4 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
31	PCD												31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 5 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
41													41
42													42
43													43
44													44
45	PCD												45
46													46
47													47
48													48
49													49
50													50

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 6 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
51	PCD												51
52													52
53													53
54													54
55													55
56													56
57													57
58													58
59													59
60													60

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-13b**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 7 OF 9
Position :	404651.0 E, 5440166.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	13 Feb 19	Date Completed : 14 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
61													61
62													62
63													63
64													64
65	PCD												65
66													66
67													67
68													68
69													69
70													70

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 8 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
71													71
72													72
73													73
74													74
75	PCD												75
76													76
77													77
78													78
79													79
80													80

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-13b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 9 OF 9**
Position : 404651.0 E, 5440166.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
81	PCD												81
82													82
83													83
84													84
							Start of coring at 84.5 metres. See Core Log Sheet for cored interval.						
85													85
86													86
87													87
88													88
89													89
90													90

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-13b

SHEET OF

Position : 404651 E, 5440166 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 13 Feb 19 | Date Completed : 14 Feb 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
81				81.0										81
82				82.0										82
83				83.0										83
84				84.0		Start of coring at 84.5 metres. See Soil Log Sheet for soil interval.								84
85	HQ Coring	1		85.0	× × ×	GRANITE, mottled pale pink, cream, spotted black, porphyritic, phenocrysts up to 4mm, Fe staining around black minerals	FR-SW	VH		75			84.72m: JT, 5°, UN, CN, RF 84.84m: JT, 5°, UN, FE, SN, RF 85.12m: JT, 30°, UN, FE, SN, RF 85.25m: JT, 80°, PLN, FE, SN, RF	85
86				86.0		pink, grey, cream, spotted black, becoming coarse grained, up to 15mm							85.53m: JT, 20°, UN, FE, SN, VRF 85.89m: JT, 15°, UN, FE, SN, VRF 86.09m: JT, 10°, UN, FE, SN, VRF 86.28m: JT, 10°, UN, FE, SN, VRF 86.6m: JT, 10°, UN, FE, SN, VRF 86.79m: JT, 45°, UN, FE, SN, VRF 86.85-87.4m: recovered as gravel sized fragments	86
87		2		87.0						63			87.74m: JT, 70°, UN, CN, VRF 87.82m: JT, 5°, UN, CN, VRF 87.97m: JT, 5°, IR, FE, SN, VRF 88.13m: JT, 15°, IR, FE, SN, VRF 88.25m: JT, 10°, IR, FE, SN, VRF 88.43m: JT, 20°, IR, FE, SN, VRF 88.54m: JT, 25°, ST, FE, SN, VRF 88.7m: JT, 35°, UN, CN, VRF 88.85m: JT, 70°, PLN, FE, SN, RF 88.95-89.3m: too disturbed to log defects	87
88				88.0										88
89				89.0										89
90				90.0									89.7m: JT, 40°, PLN, FE, SN, RF	90

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-13b**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404651 E, 5440166 N, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	13 Feb 19	**Date Completed :** 14 Feb 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
91	HQ Coring	2			91.0						93			90.18m: JT, 35°, UN, FE, SN, RF	91
														90.83m: JT, 10°, IR, FE, SN, VRF	
		3												91.18m: JT, 40°, UN, FE, SN, RF 91.29m: JT, 45°, UN, FE, SN, VRF	
92					92.0									91.91m: JT, 45°, UN, FE, SN, VRF	92
											69				
93					93.0									92.75m: JT, 20°, IR, FE, SN, VRF 92.95m: JT, 60°, UN, FE, SN, VRF 93.1-93.3m: recovered as gravel sized fragments	93
		4												93.76m: JT, 60°, UN, FE, SN, VRF	
94					94.0									94.12m: JT, 20°, UN, FE, SN, VRF 94.27m: JT, 20°, UN, FE, SN, VRF	94
														94.65m: JT, 20°, UN, FE, SN, VRF 94.75m: JT, 45°, UN, FE, SN, VRF 94.75-95.5m: too disturbed to log defects	
95					95.0									95.6m: JT, 45°, UN, FE, SN, VRF 95.76m: JT, 45°, UN, FE, SN, VRF	95
96					96.0										96
97					97.0										97
98					98.0										98
99					99.0										99
100					100.0										100

Defect Spacing (mm): 20, 40, 100, 300, 1000

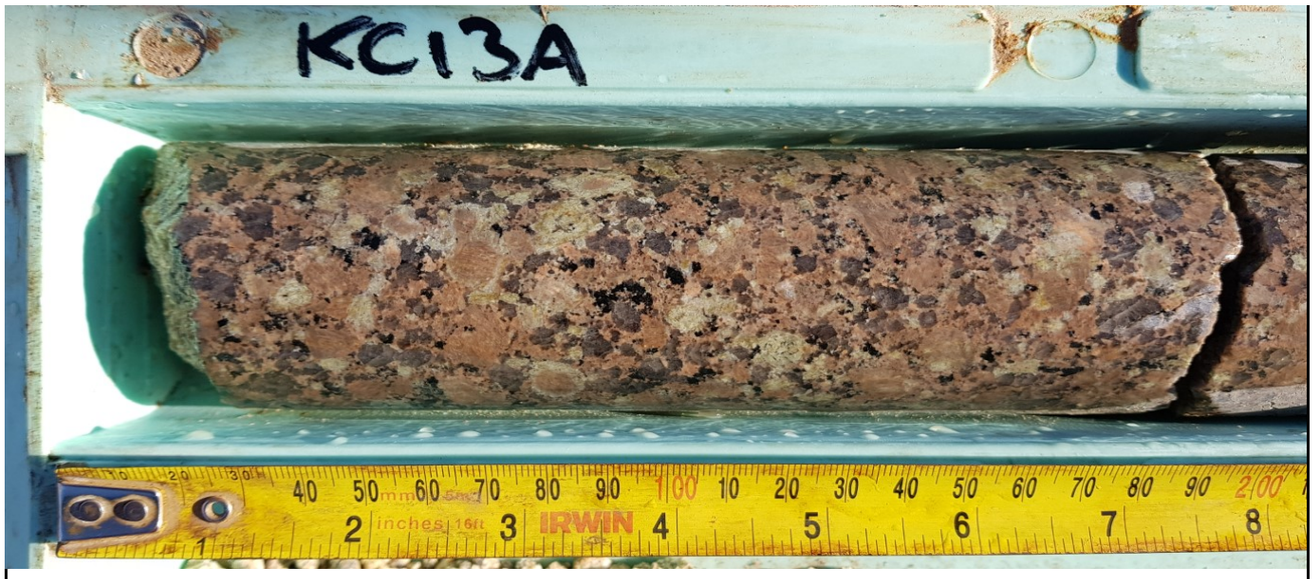
Core Recovery (%): 20, 80

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-13A	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-13B 84.5-95.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-13B	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No: -

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-14a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 5
Position :	404185.0 E, 5439597.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	24 Jan 19	Date Completed : 29 Jan 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-14a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 5
Position :	404185.0 E, 5439597.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	24 Jan 19	Date Completed : 29 Jan 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-14a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 5**
Position : 404185.0 E, 5439597.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 24 Jan 19	**Date Completed :** 29 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30													30

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-14a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 4 OF 5**
Position : 404185.0 E, 5439597.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 24 Jan 19	**Date Completed :** 29 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
31	PCD												31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-14a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 5 OF 5**
Position : 404185.0 E, 5439597.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 24 Jan 19	**Date Completed :** 29 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
41													41
42	PCD												42
43													43
44													44
45													45
							Start of coring at 45.4 metres. See Core Log Sheet for cored interval.						
46													46
47													47
48													48
49													49
50													50

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-14a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404175, E 5429337 N, GDA94	**Surface RL :**	**Inclination\Bearing : -90 \ 000**	**Processed : JRN**
Contractor :	Spaulding Drillers	**Rig Type : G&K850**		**Checked : DR**
Date Started :	24 Jan 19	**Date Completed : 29 Jan 19**	**Logged by : JRN**	**Date : 18/10/21**

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%) (20–80)	RQD (%)	Defect Spacing (mm) (20, 40, 100, 300, 1000)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results
41				41.0									
42				42.0									
43				43.0									
44				44.0									
45				45.0		Start of coring at 45.4 metres. See Soil Log Sheet for soil interval.							
46	HQ Coring	1		46.0	× × ×	GRANITE, mottled pink, grey, cream, spotted black, coarse grained, up to 20mm	FR	VH		95			45.52m: JT, 5°, UN, CN, VRF 45.58m: JT, 5°, UN, CN, VRF 46.0m: JT, 10°, UN, CN, VRF
		2			× × ×	Fe staining around black minerals	FR-SW			23			46.49m: JT, 20°, UN, CN, VRF 46.58-46.7m: JT, x3, UN, FE, SN, VRF
47				47.0		End of Hole @ 46.7m							
48				48.0									
49				49.0									
50				50.0									

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-14A 45.4-46.7m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-14A	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			-
					Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-14b**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 3
Position :	405182.0 E, 5440532.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	15 Feb 19	Date Completed : 15 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-14b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 2 OF 3**
Position : 405182.0 E, 5440532.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 15 Feb 19	**Date Completed :** 15 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-14b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 3**
Position : 405182.0 E, 5440532.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 15 Feb 19	**Date Completed :** 15 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21													21
22													22
23	PCD												23
24													24
25													25
26							Start of coring at 26.3 metres. See Core Log Sheet for cored interval.						26
27													27
28													28
29													29
30													30

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-14b

SHEET OF

Position : 405182E, 5440532 N, GDA94 | Surface RL : | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 15 Feb 19 | Date Completed : 15 Feb 19 | Logged by : JRN | Date : 18/10/2021

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21				21.0										21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0		Start of coring at 26.3 metres. See Soil Log Sheet for soil interval.								26
27	HQ Coring	1		27.0	× × ×	GRANITE, mottled pink, cream, grey, spotted black, coarse grained, up to 15mm	FR-SW	VH		100				27
					× × ×	becoming mottled orange, cream	XW-HW	L-M					26.7-27.0m: recovered as sand and gravel	
						CORE LOSS (2200mm)				0				
28		2		28.0										28
29				29.0	× × ×	GRANITE, mottled orange, cream, grey, coarse grained, up to 15mm	XW-HW	L-M		0			29.2-29.7m: recovered as gravel	29
30		3		30.0		CORE LOSS (400mm)				0				30

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-14b

SHEET OF

Position : 405182E, 5440532 N, GDA94	Surface RL :	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 15 Feb 19	Date Completed : 15 Feb 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	3		31.0		GRANITE, mottled pink, orange-cream, grey, black, coarse grained up to 15mm	SW-MW	VH		55			30.33m: JT, 25°, UN, FE, SN, VRF 30.38m: JT, 20°, UN, FE, SN, VRF 30.43m: JT, 5°, UN, FE, SN, VRF 30.62m: JT, 45°, IR, FE, SN, RF	31
							HW-MW	L-M					30.8-31.0m: recovered as gravel	
		4				CORE LOSS (400mm)				0				
32				32.0		GRANITE, mottled pale pink, white, black, coarse grained, up to 15mm	HW	L-M		38			31.4-31.6m: recovered as gravel	32
													32.3-32.6m: recovered as gravel	
						CORE LOSS (200mm)				0				
33		5		33.0		GRANITE, mottled pale pink, white, black, coarse grained, up to 15mm.	HW	L-M		0			32.8-33.2m: recovered as gravel	33
						End of Hole @ 33.2m								
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

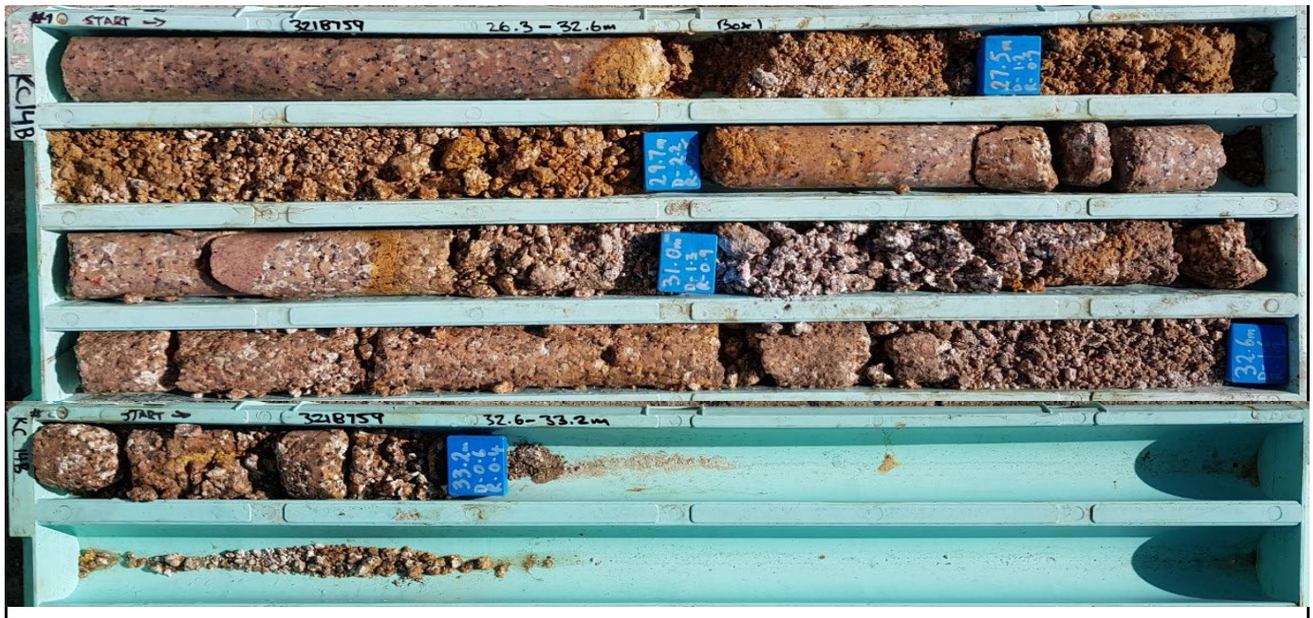
Core Recovery (%): 20 80
Defect Spacing (mm): 20 40 100 300 1000

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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-14B 26.3-33.2m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-15a

SHEET 1 OF 6

Position : 404871.0 E, 5440815.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 29 Jan 19	Date Completed : 31 Jan 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-15a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 6
Position :	404871.0 E, 5440815.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	29 Jan 19	Date Completed : 31 Jan 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-15a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 6**
Position : 404871.0 E, 5440815.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 29 Jan 19	**Date Completed :** 31 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21	PCD												21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-15a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 4 OF 6**
Position : 404871.0 E, 5440815.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 29 Jan 19	**Date Completed :** 31 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
31	PCD												31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-15a**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 5 OF 6**
Position : 404871.0 E, 5440815.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 29 Jan 19	**Date Completed :** 31 Jan 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
41	PCD												41
42													42
43													43
44													44
45													45
46													46
47													47
48													48
49													49
50													50

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-15a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 6 OF 6
Position :	404871.0 E, 5440815.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	29 Jan 19	Date Completed : 31 Jan 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
51	PCD												51
52													52
53													53
54													54
55							Start of coring at 54.8 metres. See Core Log Sheet for cored interval.						55
56													56
57													57
58													58
59													59
60													60

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-15a

SHEET OF

Position : | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 29 Jan 19 | Date Completed : 31 Jan 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51				51.0										51
52				52.0										52
53				53.0										53
54				54.0		Start of coring at 54.8 metres. See Soil Log Sheet for soil interval.								54
55	HQ Coring	1		55.0	× × ×	GRANITE, mottled pink, grey, cream, spotted black, coarse grained, up to 15mm, Fe staining around black minerals	FR-SW	VH		100			54.47m: JT, 10°, UN, FE, SN, VRF	55
56				56.0	× × ×	becoming mottled red-pink, grey, orange-cream, (alteration)								56
57				57.0	× × ×	becoming mottled orange, brown, grey, black, cream (alteration)							56.62m: JT, 60°, PLN, FE, SN, RF	57
58		2		58.0	× × ×	becoming red-pink, green-cream, grey (alteration); becoming red-pink, orange-cream, grey, spotted black, Fe staining around black minerals				100			57.38m: JT, 60°, UN, FE, SN, RF; 57.61m: JT, 60°, UN, FE, SN, RF; 57.82m: JT, 60°, UN, FE, SN, RF	58
59				59.0	× × ×	increase in orange-cream plagioclase crystals; plagioclase crystals becoming cream, orthoclase becoming pink							58.94m: JT, 10°, UN, FE, SN, VRF	59
60				60.0										60

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-15a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404871 E,, 5440815 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	29 Jan 19	**Date Completed :** 31 Jan 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	2			61.0		lineations running at 60°				15			60.56m: JT, 60°, UN, FE, SN, VRF 60.73m: JT, 60°, UN, CLAY/ROCK, INFILL, 10mm 61.0m: JT, 60°, UN, FE, SN, VRF	61
62		3			62.0						67			61.4m: JT, 60°, UN, FE, SN, VRF 61.58m: JT, 60°, UN, FE, SN, VRF 61.6m: JT, 60°, UN, FE, SN, VRF 62.14m: JT, 60°, UN, FE, SN, VRF 62.19m: JT, 30°, UN, FE, SN, VRF 62.3m: JT, 30°, UN, FE, SN, VRF	62
63		4			63.0		plagioclase crystals weathered to clay (63.35-63.65m)	SW-MW FR-SW						63.07m: JT, 60°, UN, FE, SN, VRF 63.35-63.65m: SZ, 60°, ROCK/CLAY	63
64					64.0						0			63.66m: JT, 60°, UN, FE, SN, VRF 63.72m: JT, 60°, UN, FE, SN, VRF 63.92m: JT, 60°, UN, FE, SN, VRF 64.15m: JT, 35°, UN, CN, VRF	64
65		5			65.0		increase in lineations, plagioclase crystals weathered to clay (64.7-65.65m)	SW-MW						64.85-65.65m: SZ, 60°, ROCK/CLAY	65
66		6			66.0		becoming mottled red-pink, orange-cream, grey (alteration) becoming mottled brown-pink, pale grey, black,(alteration), reduction in lineations becoming red-pink, grey, orange-cream				75			65.6m: JT, 60°, UN, FE, SN, VRF 65.94m: JT, 5°, UN, FE, SN, VRF 66.17m: JT, 10°, UN, FE, SN, VRF 66.26m: JT, 25°, UN, FE, SN, VRF 66.28m: JT, 20°, UN, FE, SN, VRF 66.65m: JT, 45°, UN, FE, SN, VRF	66
67					67.0		with spotted black becoming pink, grey, cream, spotted black, FE staining around black minerals							67.17m: JT, 60°, UN, FE, SN, VRF 67.55m: JT, 45°, UN, FE, SN, VRF 67.74m: JT, 10°, IR, FE, SN, VRF 67.79m: JT, 10°, IR, FE, SN, VRF	67
68					68.0		End of Hole @ 67.9m								68
69					69.0										69
70					70.0										70

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Job No. **3218759**



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-15A 54.8-67.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-15A	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No: -

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-15b**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 3
Position :	405003.0 E, 5440768.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	18 Feb 19	Date Completed : 19 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-15b**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 3
Position :	405003.0 E, 5440768.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	18 Feb 19	Date Completed : 19 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-15b**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 3**
Position : 405003.0 E, 5440768.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Feb 19	**Date Completed :** 19 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30							Start of coring at 29.8 metres. See Core Log Sheet for cored interval						30

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-15b

SHEET OF

Position : 405003 E, 544076 N, GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 18 Feb 19	Date Completed : 19 Feb 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21				21.0										21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27				27.0										27
28				28.0										28
29				29.0										29
						Start of coring at 29.8 metres. See Soil Log Sheet for soil interval.								
30		1		30.0	× × ×	GRANITE, pale pink, cream, grey, orange, FE staining throughout, (alteration?)	SW-	VH		87				30

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-15b

SHEET OF

Position : 405003 E, 544076 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR
Date Started : 18 Feb 19 | Date Completed : 19 Feb 19 | Logged by : JRN | Date : 18/10/21

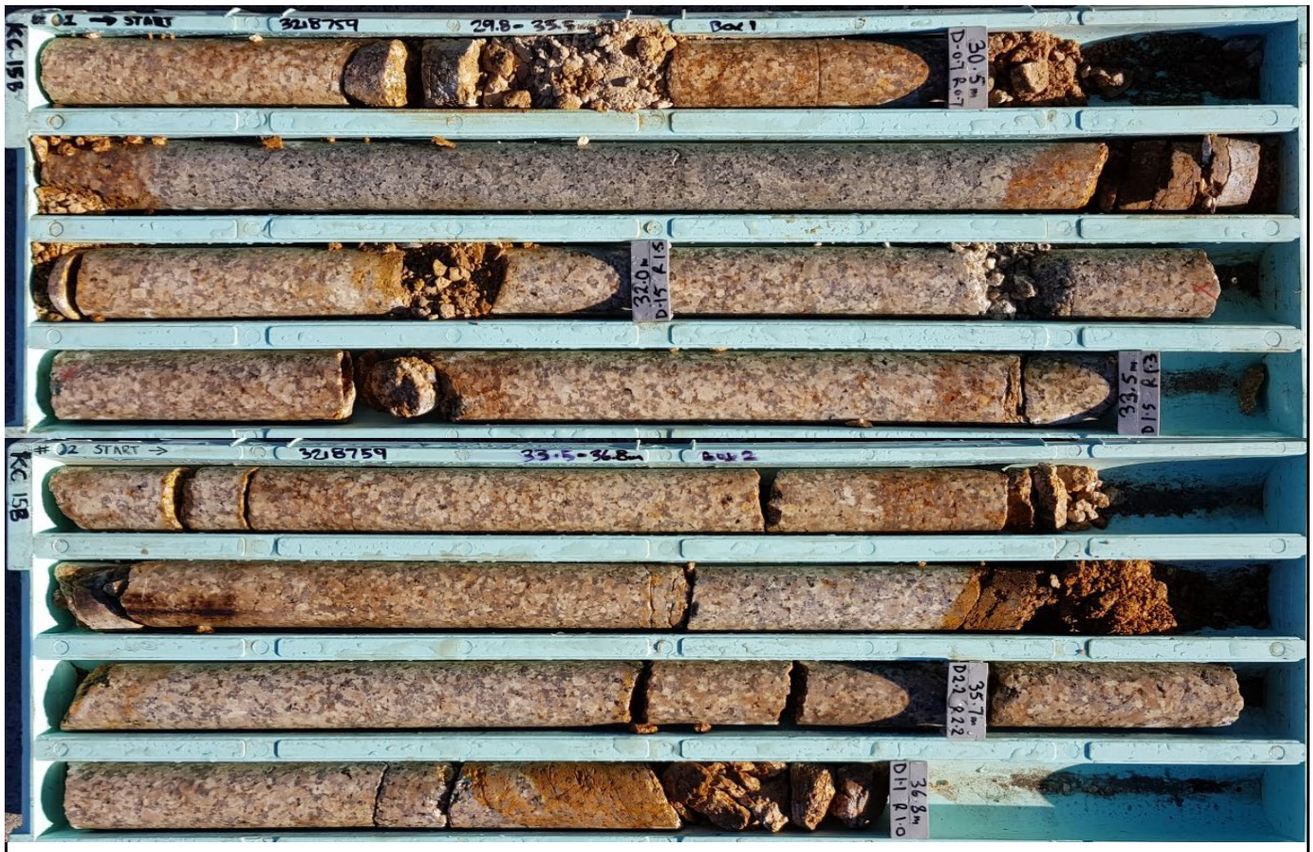
DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
31	HQ Coring	1			31.0		SAND, orange, fine to medium grained	MW	MD		0			30.05m: JT, 25°, UN, FE, SN, VRF 30.09m: JT, 10°, UN, FE, SN, VRF
							GRANITE, pale pink, cream, grey, orange, Fe staining throughout	SW-MW	VH		87			
		2					becoming mottled pale pink. pale green, cream, grey, black (alteration?)	SW			80			30.5-30.6m: recovered as sand and gravel
32					32.0		becoming pale pink, grey, cream, orange, Fe staining throughout reduction in Fe staining becoming orange-brown		L					31.4-31.52m: JT, x6, 10°, UN, FE, SN, VRF 31.8-31.87m: CZ, sand-gravel sized fragments
		3					becoming pale pink, grey, cream, orange, Fe staining		VH		70			32.0m: JT, 15°, UN, FE, SN, VRF 32.65m: JT, 70°, UN, FE, SN, VRF 32.77m: JT, 40°, UN, FE, SN, VRF
33					33.0									33.25m: JT, 20°, UN, FE, SN, VRF 33.3m: JT, 35°, UN, FE, SN, VRF 33.38m: JT, 5°, UN, FE, SN, VRF 33.44m: JT, 5°, UN, FE, SN, VRF
		4									91			33.85m: JT, 5°, UN, FE, SN, VRF 34.05m: JT, 5°, UN, FE, SN, VRF 34.14m: JT, 75°, PLN, FE, SN, RF
34					34.0									34.6m: JT, 5°, PLN, FE, SN, RF
							becoming orange-brown	MW-HW	M-H					34.83m: JT, 15°, PLN, FE, SN, RF
35					35.0		becoming pale pink, grey, cream, orange, Fe staining	SW	VH					35.0m: JT, 40°, UN, FE, SN, VRF 35.44m: JT, 10°, UN, FE, SN, VRF 35.56m: JT, 10°, UN, FE, SN, VRF 35.6-35.7m: recovered as sand and gravel 35.7m: JT, 15°, PLN, FE, SN, VRF
		5									55			
36					36.0									36.16m: JT, 10°, UN, FE, SN, VRF 36.22m: JT, 10°, UN, FE, SN, VRF 36.39m: JT, 10°, UN, FE, SN, VRF 36.5m: JT, 15°, UN, FE, SN, VRF 36.54m: JT, 15°, UN, FE, SN, VRF 36.6m: JT, 15°, UN, FE, SN, VRF
							CORE LOSS (200mm)	MW	M-H					
37					37.0		End of Hole @ 36.8m							
38					38.0									
39					39.0									
40					40.0									

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Job No. 3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-15B 29.8-36.8m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-15B 29.8-36.8m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-16**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 1 OF 3**
Position : 403888.0 E, 5440935.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 19 Feb 19	**Date Completed :** 20 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL						ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-16**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 3
Position :	403888.0 E, 5440935.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	19 Feb 19	Date Completed : 20 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-16**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 3**
Position : 403888.0 E, 5440935.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 19 Feb 19	**Date Completed :** 20 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
21	PCD												21
22							Start of coring at 22 metres. See Core Log Sheet for cored interval.						22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-16

SHEET OF

Position : 403888 E, 5440935 N, GDA94	**Surface RL :**	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 19 Feb 19	**Date Completed :** 20 Feb 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
21					21.0										21
					22.0		Start of coring at 22 metres. See Soil Log Sheet for soil interval.								
22	HQ Coring	1			22.0	× × ×	GRANITE, mottled pink, white,-cream, grey, spotted black, coarse grained up to 15mm, plagioclase crystals commonly weathered to clay on sub-horizontal joint surfaces, orange staining around black minerals	FR-SW	VH		0			22.0-24.0m: Sub vertical joint running at ~90°, UN, CN, VRF	22
23					23.0	× × ×									23
24					24.0	× × ×								24.3m: JT, 40°, UN, CN, VRF 24.4-24.6m: Sub vertical joint running at ~90°, UN, CN, VRF 24.6-25.0m: recovered as gravel and sand	24
25		2			25.0		CORE LOSS (200mm)				0				25
		3				× × ×	GRANITE, mottled pink, white,-cream, grey, spotted black, coarse grained up to 15mm, plagioclase crystals commonly weathered to clay on sub-horizontal joint surfaces, orange staining around black minerals		VH		82			25.25m: JT, 80°, UN, CN, VRF 25.72m: JT, 5°, UN, CN, VRF	
26					26.0	× × ×									26
27					27.0	× × ×								27.0-27.4m: possible shear zone	27
		4				× × ×					25				
28					28.0	× × ×									28
		5				× × ×	no orange staining around black minerals	FR			100				
29					29.0	× × ×								29.3m: JT, 15°, UN, FE, SN, VRF	29
						× × ×	increase in biotite crystals (29.6-29.9m)								
30					30.0	× × ×									30

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-16**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	403888 E, 5440935 N, GDA94	**Surface RL :**	**Inclination\Bearing : -90 \ 000**	**Processed : JRN**
Contractor :	Spaulding Drillers	**Rig Type : G&K850**		**Checked : DR**
Date Started :	19 Feb 19	**Date Completed : 20 Feb 19**	**Logged by : JRN**	**Date : 18/10/21**

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
31	HQ Coring	5			31.0		orange staining around black minerals	FR-SW			99			30.34m: JT, 20°, UN, FE, SN, VRF	31
														31.47m: JT, 70°, UN, CLAY, INFILL, 1mm 31.55m: JT, 35°, IR, FE, SN, VRF	
32		6			32.0									31.82m: JT, 50°, UN, FE, SN, VRF	32
														32.4m: JT, 15°, UN, CN, VRF	
														32.65m: JT, 15°, UN, FE, SN, VRF	
33					33.0									33.11m: JT, x 2, 15°, UN, FE, SN, VRF	33
											98			33.53m: JT, 5°, UN, FE, SN, VRF 33.57m: JT, 10°, UN, FE, SN, VRF	
34		7			34.0									34.4m: JT, 75°, UN, FE, SN, VRF	34
														34.59m: JT, 5°, UN, FE, SN, VRF	
														34.8m: JT, 5°, UN, FE, SN, VRF	
35					35.0									34.95m: JT, 45°, UN, FE, SN, VRF	35
														35.42m: JT, 15°, UN, FE, SN, VRF	
							End of Hole @ 35.5m								
36					36.0										36
37					37.0										37
38					38.0										38
39					39.0										39
40					40.0										40

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-16 22.0-35.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-16	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-17**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET 1 OF 1**	
Position :	404253.0 E, 5440770.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	20 Feb 19	**Date Completed :** 20 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED Start of coring at 0.2 metres. See Core Log Sheet for cored interval.						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-17

SHEET OF

Position : 404253 E, 5440770 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 20 Feb 19 | Date Completed : 20 Feb 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
						Start of coring at 0.2 metres. See Soil Log Sheet for soil interval.								
1	HQ Coring	1		1.0		GRANITE, mottled pink, grey, green-cream, spotted black, coarse grained up to 15mm	FR	VH		100			0.2-1.83m: possible boulder	1
						orthoclase crystals becoming red-pink				100				
2		2		2.0		CORE LOSS (1320mm)								2
3				3.0		GRANITE, mottled pink, grey, green-cream, spotted black, coarse grained up to 15mm	MW / FR			100				3
						End of Hole @ 3.4m								
4				4.0										4
5				5.0										5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-17 0-3.4m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-17 0-3.4m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-18**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 1
Position :	404737.0 E, 5440346.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	21 Feb 19	Date Completed : 21 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
1	PCD						NOT LOGGED						1
2													2
3													3
4													4
5													5
6													6
7							Start of coring at 7 metres. See Core Log Sheet for cored interval.						7
8													8
9													9
10													10

See standard sheets for details of abbreviations & basis of descriptions

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-18

SHEET OF

Position : 404737 E, 5440346 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 21 Feb 19 | Date Completed : 21 Feb 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0										6
7	HQ Coring	1		7.0		Start of coring at 7 metres. See Soil Log Sheet for soil interval.								7
					× × ×	GRANITE, mottled pink, grey, brown-cream, spotted black, porphyritic, some phenocrysts are rounded	FR	VH		83				
					× × ×	mottled orange, cream, grey	HW	L-M						
8				8.0	× × ×	mottled pink, grey, brown-cream, spotted black, porphyritic, some phenocrysts are rounded, orange staining around black minerals	FR-SW	VH					7.63m: JT, 55°, UN, FE, SN, VRF 7.8m: JT, 55°, UN, FE, SN, VRF 8.07m: JT, 10°, UN, FE, SN, VRF	8
						CORE LOSS (1000mm)				0				
9				9.0										9
	PCD					NOT LOGGED								
10				10.0										10

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-18

SHEET OF

Position : 404737 E, 5440346 N, GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 21 Feb 19	Date Completed : 21 Feb 19	Logged by : JRN	Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD				11.0					20 80		20 40 100 300 1000			11
12					12.0										12
13					13.0										13
14					14.0										14
15					15.0										15
16					16.0										16
17					17.0										17
18					18.0										18
19					19.0										19
20					20.0										20

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-18

SHEET OF

Position : 404737 E, 5440346 N, GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked :
Date Started : 21 Feb 19	Date Completed : 21 Feb 19	Logged by : JRN	Date :

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	PCD			21.0										21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27	HQ Coring	2		27.0		GRANITE, mottled pink, grey, yellow-cream, spotted black, porphyritic, some phenocrysts are rounded, Fe staining	FR-SW	VH		59			26.8m: JT, 55°, UN, FE, SN, VRF, DIS	27
						mottled orange-cream, grey	HW	L-M					27.35m: JT, 35°, CU, FE, SN, VRF 27.5-27.8m: recovered as gravel	
28				28.0		CORE LOSS (1000mm)				0				28
29				29.0		End of Hole @ 28.8m								29
30				30.0										30

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-18 7.0-28.8m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-18	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-19**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 5
Position :	404996.0 E, 5440446.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	22 Feb 19	Date Completed : 22 Feb 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-19**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			SHEET 2 OF 5
Position : 404996.0 E, 5440446.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 22 Feb 19	**Date Completed :** 22 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-19**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			SHEET 3 OF 5
Position : 404996.0 E, 5440446.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 22 Feb 19	**Date Completed :** 22 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30													30

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-19**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 4 OF 5**
Position : 404996.0 E, 5440446.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 22 Feb 19	**Date Completed :** 22 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
31													31
32													32
33													33
34													34
35	PCD												35
36													36
37													37
38													38
39													39
40													40

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-19**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 5 OF 5**
Position : 404996.0 E, 5440446.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 22 Feb 19	**Date Completed :** 22 Feb 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
41													41
42													42
43													43
44													44
45	PCD												45
46													46
47													47
48													48
49													49
							Start of coring at 49.6 metres. See Core Log Sheet for cored interval.						
50													50

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-19**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404996 E, 5440446 N, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	22 Feb 19	**Date Completed :** 22 Feb 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41				41.0										41
42				42.0										42
43				43.0										43
44				44.0										44
45				45.0										45
46				46.0										46
47				47.0										47
48				48.0										48
49				49.0		Start of coring at 49.6 metres. See Soil Log Sheet for soil interval.								49
50		1		50.0	× × × × × × × ×	GRANITE, mottled pink, orange, yellow-cream, grey, spotted black, FE staining throughout, coarse grained up to 15mm	SW	VH		91			49.88m: JT, 40°, UN, CN, VRF	50

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-19

SHEET OF

Position : 404996 E, 5440446 N, GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 22 Feb 19	Date Completed : 22 Feb 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	1		51.0									50.45m: JT, 5°, UN, CN, VRF 50.5m: JT, 30°, UN, FE, SN, VRF 50.58m: JT, 55°, IR, FE, SN, VRF 50.7m: JT, 15°, IR, CN, VRF	51
						CORE LOSS (100mm)				0				
						End of Hole @ 51.4m								
52				52.0										52
53				53.0										53
54				54.0										54
55				55.0										55
56				56.0										56
57				57.0										57
58				58.0										58
59				59.0										59
60				60.0										60

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-19 49.6-51.4m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-19 49.6-51.4m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 1 OF 6
Position :	404814.0 E, 5440416.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

See standard sheets for details of abbreviations & basis of descriptions

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 6
Position :	404814.0 E, 5440416.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 3 OF 6
Position :	404814.0 E, 5440416.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30													30

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 4 OF 6
Position :	404814.0 E, 5440416.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
31													31
32													32
33													33
34													34
35	PCD												35
36													36
37													37
38													38
39													39
40													40

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-20**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 5 OF 6**
Position : 404814.0 E, 5440416.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 25 Feb 19	**Date Completed :** 27 Feb 19	**Logged by :** JRN	**Date :** 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
41	PCD												41
42													42
43													43
44													44
45													45
46													46
47													47
48													48
49													49
50													50

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 6 OF 6
Position :	404814.0 E, 5440416.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 19 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
51													51
52													52
53													53
54													54
55	PCD												55
56													56
57													57
58													58
59													59
60							Start of coring at 59.8 metres. See Core Log Sheet for cored interval						60

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-20

SHEET OF

Position : 404814 E, 5440416 N, GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 25 Feb 19	Date Completed : 27 Feb 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51				51.0										51
52				52.0										52
53				53.0										53
54				54.0										54
55				55.0										55
56				56.0										56
57				57.0										57
58				58.0										58
59				59.0										59
						Start of coring at 59.8 metres. See Soil Log Sheet for soil interval.								
60		1		60.0	× × ×	GRANITE, mottled cream, orange, brown-green, coarse grained up to 12mm, alteration,	MW-	VH		100				60

Defect Spacing (mm): 20, 40, 100, 300, 1000

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-20**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404814 E, 5440416 N, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started :	25 Feb 19	**Date Completed :** 27 Feb 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	1		61.0		becoming mottled cream, dark green	SW							61
						SILTSTONE, dark grey		M- H		52			60.89m: JT, 50°, UN, FE, SN, SO 60.99m: JT, 45°, UN, FE, SN, RF 61.09m: JT, 45°, IR, FE, SN, VRF	
		2				GRANITE, mottled cream, orange, brown-green, coarse grained up to 12mm, (alteration)	MW-SW	VH						
						mixture with siltstone							61.48m: JT, 15°, UN, FE, SN, VRF	
						SILTSTONE, dark grey		M- H						
62				62.0									61.86m: JT, 45°, UN, CA, VE, SLK	62
													62.1-62.2m: disturbed by handling	
		3				GRANITE, mottled dark grey, mixture with siltstone				100				
						mottled orange-cream, grey, cream-brown, coarse grained up to 12mm, (alteration)	MW-SW						62.44m: JT, 45°, IR, FE, SN, VRF	
													62.74m: JT, 5°, IR, FE, SN, VRF	
63				63.0									62.98m: JT, 10°, UN, FE, SN, RF	63
64				64.0									64.15m: JT, subhorizontal, ~0°, UN, FE, SN, VRF	64
													64.54m: JT, 70°, UN, FE, SN, VRF	
65				65.0						100			65.05m: JT, 70°, UN, FE, SN, VRF	65
													65.55m: JT, subhorizontal, UN, FE, SN, VRF 65.58m: JT, 10°, UN, FE, SN, VRF	
66		4		66.0									65.98m: JT, 45°, PLN, FE, VE, VRF	66
													66.59m: JT, 10°, UN, FE, SN, VRF	
67				67.0										67
						reduction in alteration, becoming red-pink, grey, yellow-cream, minor spotted black							67.61m: JT, 5°, UN, FE, SN, VRF	
													67.78m: JT, 5°, UN, FE, SN, VRF	
68				68.0						91			67.93m: JT, 45°, UN, FE, SN, RF 68.07m: JT, 20°, UN, FE, SN, VRF	68
		5											68.27m: JT, 50°, UN, ROCK/CLAY, INFILL, 5mm, VRF	
													68.77m: JT, 50°, PLN, FE, VE, VRF	
69				69.0									68.99m: JT, 50°, UN, ROCK/CLAY, INFILL, 3mm, VRF 69.07m: JT, 50°, UN, ROCK/CLAY, INFILL, 3mm, VRF 69.17m: JT, 50°, UN, ROCK/CLAY, INFILL, 3mm, VRF 69.28m: JT, 50°, PL, FE, SN, RF	69
70				70.0										70

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-20

SHEET OF

Position : 404814 E, 5440416 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 25 Feb 19 | Date Completed : 27 Feb 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
71	HQ Coring	5		71.0	× × ×					100			70.4m: JT, 35°, IR, FE, SN, RF 70.7m: JT, 45°, PLN, FE, SN, VRF	71
		6											71.25m: JT, 35°, UN, FE, SN, VRF	
72		7		72.0						60			71.9m: JT, 50°, PLN, ROCK/CLAY, INFILL, VRF 71.98m: JT, 15°, UN, FE, SN, VRF 72.04m: JT, 10°, IR, FE, SN, VRF	72
						End of Hole @ 72.1								
73				73.0										73
74				74.0										74
75				75.0										75
76				76.0										76
77				77.0										77
78				78.0										78
79				79.0										79
80				80.0										80

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Job No. 3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-20 59.8-72.1m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-20	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No: -

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET 1 OF 4

Position : 404933.0 E, 5440457.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 28 Feb 19	Date Completed : 14 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-21**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 2 OF 4**
Position : 404933.0 E, 5440457.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 28 Feb 19	**Date Completed :** 14 Mar 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-21**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 3 OF 4
Position :	404933.0 E, 5440457.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	28 Feb 19	Date Completed : 14 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
21													21
22													22
23													23
24													24
25	PCD												25
26													26
27													27
28													28
29													29
30													30

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-21**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 4 OF 4
Position :	404933.0 E, 5440457.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	28 Feb 19	Date Completed : 14 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
31													31
32													32
33	PCD												33
34													34
35													35
36													36
37							Start of coring at 37 metres. See Core Log Sheet for cored interval.						37
38													38
39													39
40													40

See standard sheets for details of abbreviations & basis of descriptions

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-21**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404933 E, 5440457 N, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	28 Feb 19	**Date Completed :** 14 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31				31.0										31
32				32.0										32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0		Start of coring at 37 metres. See Soil Log Sheet for soil interval.								37
	HQ Coring	1			× × ×	GRANITE, mottled pink, green, grey, spotted black, porphyritic, some phenocrysts are subrounded	FR-SW	VH		100			37.15m: JT, 45°, ST, FE, SN, RF 37.52m: JT, 5°, UN, FE, SN, RF	
38				38.0	× × ×	no longer porphyrititc, coarse grained up to 12mm								38
39				39.0	× × ×	becoming pink, yellow-cream, grey, spotted black	MW						38.84m: JT, 15°, UN, FE, SN, RF 39.0m: JT, 15°, UN, FE, SN, VRF 39.13m: JT, 5°, UN, FE, SN, VRF	39
		2				CORE LOSS (200mm)								
					× × ×	GRANITE, pink, yellow-cream, grey, spotted black, coarse grained up to 12mm	MW	VH		50			39.53m: JT, 45°, UN, FE, SN, VRF	
40				40.0		becoming pale pink, cream, grey	HW							40

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET OF

Position : 404933 E, 5440457 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 28 Feb 19 | Date Completed : 14 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41	HQ Coring	2		41.0		CORE LOSS (300mm)		M					39.93m: JT, 65°, PLN, FE, SN, RF 40.13m: JT, 25°, UN, FE, SN, RF 40.35m: JT, 30°, PLN, FE, SN, RF 40.4-40.6m: recovered as gravel 40.7-40.9m: recovered as gravel	41
42		3				GRANITE, pale pink, cream, grey, coarse grained up to 12mm CORE LOSS (1500mm)	HW	VH		0			41.2-41.3m: recovered as gravel 41.35m: JT, 45°, PLN, FE, SN, RF 41.5-41.7m: recovered as gravel	42
43				43.0		NOT LOGGED								43
44	PCD			44.0										44
45				45.0										45
46				46.0										46
47				47.0										47
48				48.0										48
49				49.0										49
50				50.0										50

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET OF

Position : 404933 E, 5440457 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 28 Feb 19 | Date Completed : 14 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	PCD			51.0										51
52				52.0										52
53				53.0										53
54				54.0										54
55				55.0										55
56				56.0										56
57				57.0										57
58				58.0										58
59	HQ Coring	4		59.0		GRANITE, mottled red-pink, pale grey, green, spotted black, becoming cream-brown, black-green (alteration)	SW-MW	VH		93			58.7m: JT, 45°, UN, FE, SN, VRF; 59.75m: JT, 45°, UN, FE, SN, VRF	59
60				60.0										60

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-21**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404933 E, 5440457 N, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	28 Feb 19	**Date Completed :** 14 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	4			61.0		becoming red-pink, pale grey, cream-green							60.15m: JT, 75°, UN, FE, SN, VRF 60.3-60.45m: disturbed due to handling	61
							becoming mottled pale grey, brown-green, black, white (alteration)				100			60.7m: JT, 45°, PLN, CN, VRF 60.9m: JT, 60°, CU, CN, RF	
														61.16m: JT, 30°, PLN, CN, RF	
62		5			62.0										62
63					63.0									63.2m: JT, 75°, UN, FE, SN, VRF 63.3-63.5m: disturbed due to handling	63
		6									41				
64					64.0									64.18m: JT, 45°, PLN, CLAY, INFILL, 3mm, SLK	64
							SILTSTONE, dark grey, pyrite nodules	SW-MW	H					64.38m: JT, 30°, UN, FE, SN, RF 64.4m: JT, 20°, UN, FE, SN, RF 64.45m: JT, 5°, UN, FE, SN, RF 64.55m: JT, 45°, UN, FE, SN, RF	
65		7			65.0		GRANITE, mottled pale grey, black, cream-green, brown-cream (alteration)	SW-MW	VH		100				65
							becoming mottled red-pink, pale grey, black								
							becoming mottled red-pink, grey, yellow-cream	SW						65.32m: JT, 60°, UN, FE, SN, VRF	
66					66.0									66.0m: JT, 50°, UN, CN, VRF	66
														66.35m: JT, 50°, UN, FE, SN, VRF 66.45m: JT, 70°, UN, CLAY, INFILL, 1mm, VRF	
											100			66.7m: JT, 70°, UN, ROCK, INFILL, 5mm, VRF	
67					67.0									67.09m: JT, 50°, UN, CLAY, VE, VRF	67
							becoming mottled pink, cream, grey, spotted black	SW-MW							
68		8			68.0										68
69					69.0									69.08m: JT, 70°, PLN, CLAY, VE, VRF	69
							becoming mottled red-pink, grey, dark green, spotted black (alteration)							69.61m: JT, 70°, PLN, CLAY, VE, VRF	
70					70.0									69.82m: JT, 15°, UN, FE, SN, VRF	70

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET OF

Position : 404933 E, 5440457 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR
Date Started : 28 Feb 19 | Date Completed : 14 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
71	HQ Coring	8		71.0		biotite and quartz associated with joint (70.45-70.55m)				100			70.23m: JT, 70°, UN, CLAY, VE, VRF 70.56m: JT, 60°, UN, FE, SN, RF	71
		9											70.95m: JT, 5°, UN, FE, SN, RF	
72				72.0									71.68m: JT, 15°, UN, FE, SN, RF	72
										100			72.1m: JT, 35°, UN, FE, SN, RF 72.16m: JT, 35°, UN, FE, SN, RF	
													72.45m: JT, 35°, UN, FE, SN, RF	
73				73.0									73.44m: JT, 20°, UN, CN, VRF	73
		10				mottled red-pink, pale grey, brown-green, spotted black	FR							
74				74.0									73.83m: JT, 25°, PLN, CN, RF 73.87m: JT, 70°, PLN, CLAY, VE, RF	74
75				75.0		becoming mottled red-pink, orange-brown, pale grey, spotted black (alteration)				100			74.83m: JT, 5°, UN, CN, RF 75.02m: JT, 5°, UN, CN, RF	75
		11				becoming mottled red-pink, green, pale grey (alteration), green minerals are very soft								
76				76.0		becoming pale grey, black (highly altered)								76
77				77.0		sooty appearance, black-grey (77.2-77.45m)		H					77.36m: JT, 40°, CU, CN, RF	77
						becoming mottled black, pale grey, green		VH						
						becoming mottled red-pink, black, pale grey, green								
78				78.0		reduction in black colour								78
		12				becoming mottled red-pink, pale grey, brown-grey (no alteration)				100				
79				79.0										79
80				80.0										80

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET OF

Position : 404933 E, 5440457 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 28 Feb 19 | Date Completed : 14 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
81		12		81.0		mottled pale pink, cream, pale grey	MW-HW	M-H		87			80.0m: JT, 60°, UN, CLAY, VE, VRF 80.2-80.35m: recovered as gravel	81
						mottled red-pink, pale grey, dark green, spotted black	FR	VH						
82				82.0										82
83		13		83.0										83
						mottled pale pink, cream, pale grey	MW-HW	M-H					83.3m: JT, 45°, UN, CLAY, VE, VRF	
						mottled red-pink, pale grey, dark brown-green, spotted black	SW	VH					83.4m: JT, 35°, PLN, CLAY, VE, RF	
84				84.0										84
										100			84.3m: JT, 35°, UN, CLAY, VE, VRF 84.33m: JT, 25°, UN, CLAY, VE, VRF	
85				85.0										85
86		14		86.0										86
						plagioclase crystals becoming green-cream							86.2m: JT, 25°, UN, CN, RF	
87				87.0										87
						becoming pale pink, cream, pale grey, spotted black				100			86.95m: JT, 25°, UN, CN, VRF	
88				88.0		orthoclase becoming pink							87.95m: JT, 45°, UN, CN, VRF	88
		15												
89				89.0										89
90				90.0										90

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-21

SHEET OF

Position : 404933 E, 5440457 N, GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 28 Feb 19 | Date Completed : 14 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
91		15		91.0		becoming mottled red-pink, pale grey, pale green-cream, spotted black (alteration)				100			90.8m: JT, 45°, UN, CLAY, VE, VRF 90.96m: JT, 45°, UN, FE, SN, VRF	91
						plagioclase crystals becoming green-cream (minor alteration)							91.37m: JT, 45°, UN, CLAY, VE, VRF	
92		16		92.0		plagioclase crystals becoming cream								92
93				93.0		becoming mottled pink, pale grey, cream, spotted black	MW-HW	H-M					93.25m: JT, 70°, UN, CLAY, VE, VRF	93
						CORE LOSS (100mm)								
94		17		94.0		GRANITE, mottled pale pink, pale grey, cream, spotted black	MW FR-SW	VH-H VH		100			94.45m: JT, JT, 55°, UN, CN, VRF 94.5m: JT, 55°, UN, CLAY, VE, VRF	94
95				95.0									95.1m: JT, 55°, UN, CLAY, VE, VRF	95
96				96.0		lineations @ 80° throughout							96.32m: JT, 75°, UN, CN, VRF	96
						End of Hole @ 96.5m								
97				97.0										97
98				98.0										98
99				99.0										99
100				100.0										100

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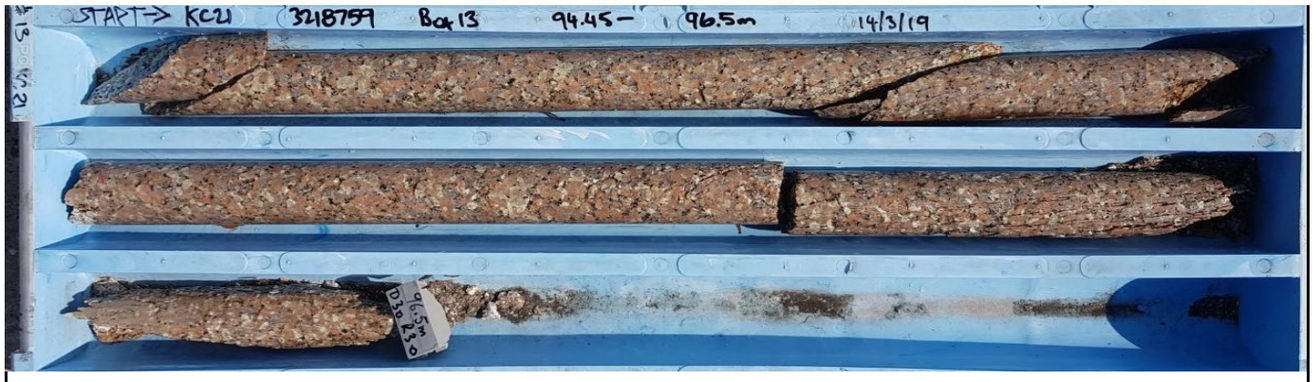
Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-21 37.0-66.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-21 66.5-80.9	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-21 80.9-94.45m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-21 94.45-96.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-21	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No: -

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-22

SHEET 1 OF 5

Position : 404159.0 E, 5440378.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 15 Mar 19	Date Completed : 19 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
	PCD						NOT LOGGED						
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10

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GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 2 OF 5
Position :	404159.0 E, 5440378.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	15 Mar 19	Date Completed : 19 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
11													11
12													12
13													13
14													14
15	PCD												15
16													16
17													17
18													18
19													19
20													20

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

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SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-22**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 3 OF 5**
Position : 404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
21	PCD												21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30

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Job No. **3218759**

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

SOIL LOG SHEET

Client : LIVINGSTONE RESOURCES			**LOCATION No. KC-22**
Project : GRANITE QUARRY EXPLORATION			
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE			**SHEET 4 OF 5**
Position : 404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	**Description** Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	**Comments/Observations** Insitu test results	SCALE (m)
31	PCD												31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

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Job No.
3218759

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 5 OF 5
Position :	404159.0 E, 5440378.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started :	15 Mar 19	Date Completed : 19 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water		Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
41													41
42													42
43													43
44													44
45	PCD												45
46													46
47													47
48													48
49													49
50							Start of coring at 49.5 metres. See Core Log Sheet for cored interval.						50

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	404159.0 E, 5440378.0 N \ 55 GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
41				41.0										41
42				42.0										42
43				43.0										43
44				44.0										44
45				45.0										45
46				46.0										46
47				47.0										47
48				48.0										48
49				49.0		Start of coring at 49.5 metres. See Soil Log Sheet for soil interval.								49
50		1		50.0	× × × × × × × × ×	GRANITE, mottled pale pink, cream, pale grey, porphyritic, phenocrysts up to 5mm	MW	VH		50			49.72m: JT, 50°, PLN, CLAY, VE, RF 49.9m: JT, 55°, UN, FE, VE, RF	50

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	2			51.0		mottled pink, green-cream, pale grey, no longer porphyrititc, coarse grained up to 15mm	MW-HW			29			49.99m: JT, 5°, UN, FE, SN, RF 50.23m: JT, 70°, PLN, CN, RF, DIS 50.27m: JT, 70°, UN, FE, SN, RF 50.3m: JT, 5°, PLN, FE, SN, RF 50.48m: JT, 20°, PLN, FE, SN, RF 50.55m: JT, 55-60°, UN, FE, SN, RF 50.78m: JT, 50°, UN, FE, SN, RF	51
							becoming pale pink, cream, pale grey, feldspars weathered to clay	HW	L-M					51.05m: JT, 50°, UN, FE, SN, RF 51.1-51.2m: recovered as gravel	
52		3			52.0		CORE LOSS (2000mm)							51.8-51.9m: recovered as gravel	52
53					53.0										53
54		4			54.0		GRANITE, red-pink, cream, pale grey, coarse grained up to 15mm, some plagioclase crystals weathered to clay	HW	M-H		90				54
							becoming pale pink, pale grey, orange-cream							54.15m: JT, 45°, PLN, FE, SN, RF	
55					55.0									55.0m: JT, 50°, UN, FE, SN, RF 55.2-55.3m: recovered as gravel	55
56		5			56.0									55.95-56.2m: recovered as gravel	56
							CORE LOSS (400mm)							56.4-56.5m: recovered as gravel	
57		6			57.0		GRANITE, pale pink, pale grey, yellow-cream, coarse grained up to 15mm	MW	VH					56.93m: JT, 45°, UN, FE, SN, RF 57.14m: JT, 45°, UN, FE, SN, RF 57.24m: JT, 5°, UN, FE, SN, RF	57
							becoming cream, pale grey	HW	M-L						
							CORE LOSS (300mm)								
58		7			58.0		GRANITE, pale pink, pale grey, green-yellow-cream	HW-MW	H-L		50			58.2-58.6m: recovered as gravel	58
59		8			59.0									58.92m: JT, 40°, PLN, FE, SN, RF, DIS 59.5-59.75m: recovered as gravel	59
60					60.0										60

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Job No. **3218759**

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-22

SHEET OF

Position : , GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR
Date Started : 15 Mar 19 | Date Completed : 19 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	8		61.0			MW			80			60.0m: JT, 45°, PLN, FE, SN, RF 60.45m: JT, 45°, PLN, FE, SN, RF	61
		9						H						
62		10		62.0									61.37m: JT, 45°, CN, FE, SN, RF 61.9-62.0m: disturbed by handling	62
63				63.0		CORE LOSS (600mm)							62.5m: JT, 25°, IR, FE, SN, RF 62.64m: JT, 35°, ST, FE, SN, RF 62.8-63.0m: recovered as gravel	63
64		11		64.0		GRANITE, mottled pale pink, pale grey, cream, Fe staining	HW	M-L		0			64.25m: JT, 60°, UN, FE, SN, RF	64
65				65.0									64.8-65.1m: recovered as gravel	65
66		12		66.0										66
67				67.0		CORE LOSS (400mm)								67
68				68.0		GRANITE, mottled pale pink, pale grey, orange, Fe staining, friable	HW	M-L						68
69		13		69.0		CORE LOSS (1300mm)								69
70				70.0										70

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-22

SHEET OF

Position : , GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 15 Mar 19	Date Completed : 19 Mar 19	Logged by : JRN	Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** (ROCK TYPE, colour, grain size, structure) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

NOT LOGGED

Method: PCD

RL (m) / Depth (m): 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0

SCALE (m): 71, 72, 73, 74, 75, 76, 77, 78, 79, 80

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | *RL (m)* | Depth (m) | Graphic Log | **Description** ROCK TYPE, colour, grain size, structure | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: PCD

Depth (m): 81.0, 82.0, 83.0, 84.0, 85.0, 86.0, 87.0, 88.0, 89.0, 90.0

Core Recovery (%): 20, 80

Defect Spacing (mm): 20, 40, 100, 300, 1000

SCALE (m): 81, 82, 83, 84, 85, 86, 87, 88, 89, 90

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
91	PCD				91.0										91
92					92.0										92
93					93.0										93
94	HQ Coring	14			94.0		GRANITE, mottled pink, orange-cream, pale grey, spotted black, Fe staining around black minerals	SW-MW	VH		100				94
		15					CORE LOSS (380mm)								
95		16			95.0		GRANITE, mottled pink, orange-cream, pale grey, spotted black, Fe staining around black minerals	SW-MW	VH		94			94.95m: JT, 50°, UN, FE, SN, VRF 95.1m: JT, 50°, UN, FE, SN, RF 95.18m: JT, 50°, UN, FE, SN, RF 95.35m: JT, 50°, PLN, FE, SN, RF	95
96					96.0									95.97m: JT, 50°, PLN, FE, SN, RF 96.13m: JT, 45°, PLN, FE, SN, RF 96.32m: JT, 50°, PLN, FE, VE, RF	96
97		17			97.0						43			97.1-97.75m: recovered as gravel	97
98		18			98.0						87			97.9-98.0m: disturbed by handling 98.37m: JT, 15°, UN, FE, SN, RF 98.4m: JT, 15°, UN, FE, SN, RF	98
99					99.0			MW	VH-H					98.75m: JT, 50°, PLN, FE, SN, RF 99.15m: JT, 40°, UN, FE, SN, RF 99.27m: JT, 10°, UN, FE, SN, RF	99
100					100.0										100

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-22**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	**OF**
Position :	, GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	15 Mar 19	**Date Completed :** 19 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
101	HQ Coring	19			101.0						23			99.95-100.1m: recovered as gravel 100.3m: JT, 50°, UN, FE, SN, RF 100.35-100.55m: recovered as gravel 100.75-100.95m: recovered as gravel 101.05-101.15m: recovered as gravel 101.2-101.5m: recovered as gravel	101
102		20			102.0			SW	VH		73			101.72m: JT, 45°, PLN, FE, SN, RF 101.82m: JT, 45°, UN, FE, SN, RF 101.92m: JT, 45°, PLN, FE, SN, RF 102.23m: JT, 10°, UN, FE, SN, RF	102
103					103.0										103
104					104.0						85			103.62m: JT, 50°, UN, FE, SN, RF 103.73m: JT, 50°, UN, FE, SN, RF 104.0m: JT, 50°, UN, FE, SN, RF 104.18m: JT, 45°, UN, FE, SN, RF 104.28m: JT, 45°, UN, FE, SN, VRF 104.37m: JT, 60°, UN, FE, SN, VRF	104
105		21			105.0									104.98m: JT, 25°, UN, FE, SN, VRF 105.0m: JT, 25°, UN, FE, SN, VRF 105.23m: JT, 20°, UN, FE, SN, VRF 105.47m: JT, 55°, PLN, FE, SN, RF	105
106					106.0										106
107					107.0		increase in Fe staining	MW			65			106.82m: JT, 45°, UN, FE, SN, VRF 106.92m: JT, 45°, UN, FE, SN, VRF 107.16m: JT, 60°, UN, FE, SN, VRF	107
108		22			108.0									107.85m: JT, 50°, UN, FE, SN, VRF	108
109					109.0									108.45m: JT, 50°, UN, FE, SN, VRF 108.49m: JT, 50°, UN, FE, SN, VRF 108.59m: JT, 50°, UN, FE, SN, VRF 109.05m: JT, 70°, PLN, FE, SN, VRF 109.41m: JT, 50°, UN, FE, SN, VRF	109
110					110.0									109.73m: JT, 45°, UN, FE, SN, VRF 109.77m: JT, 45°, UN, FE, SN, VRF	110

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-22

SHEET OF

Position : , GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 15 Mar 19	Date Completed : 19 Mar 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
					× × ×	End of Hole 110.1							109.9-110.1m: recovered as gravel	
111				111.0										111
112				112.0										112
113				113.0										113
114				114.0										114
115				115.0										115
116				116.0										116
117				117.0										117
118				118.0										118
119				119.0										119
120				120.0										120

Core Recovery (%): 20 80
Defect Spacing (mm): 20 40 100 300 1000

See standard sheets for details of abbreviations & basis of descriptions

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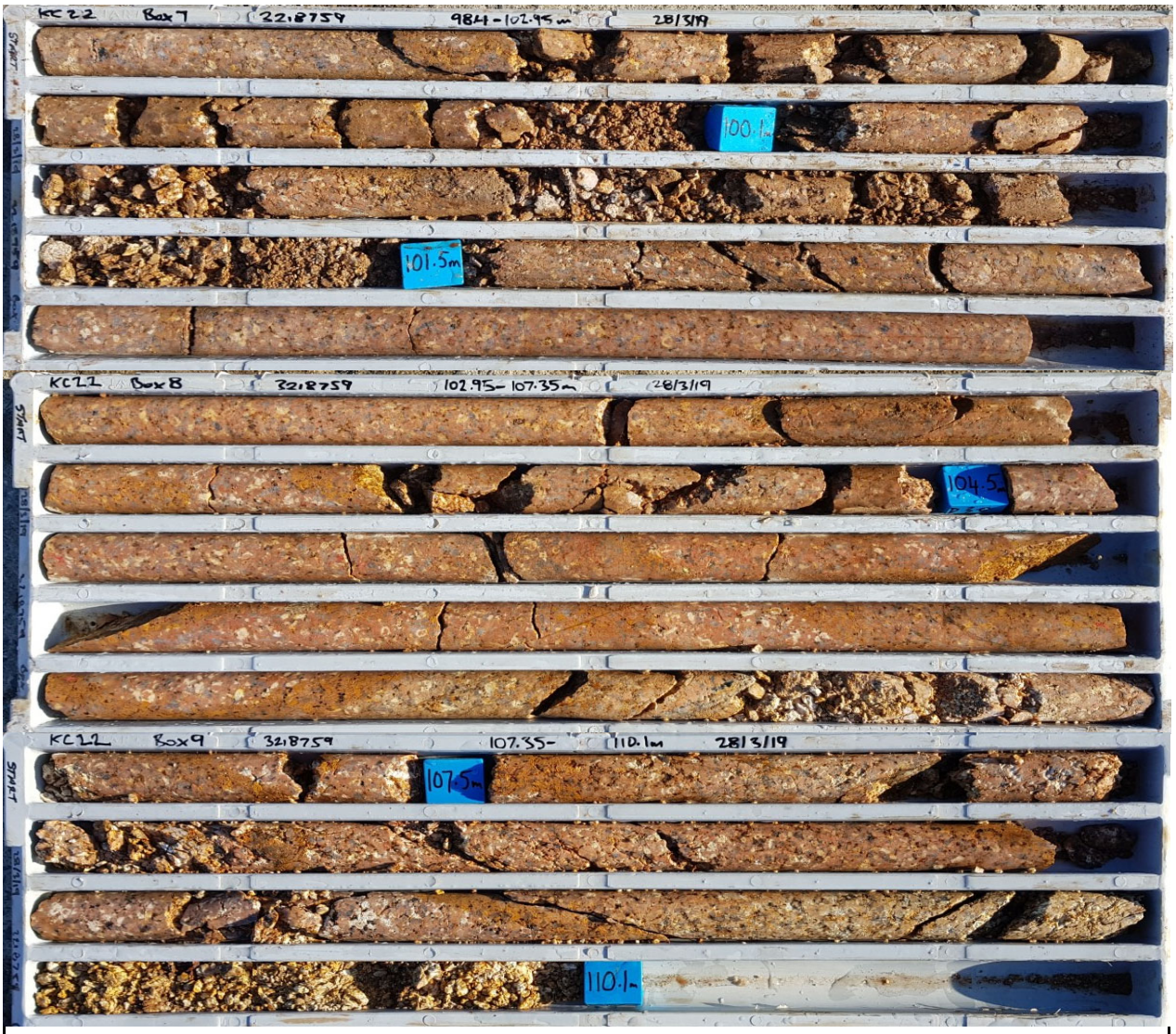
GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-22 49.5-61.2m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-22 61.2-98.4m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-22 98.4-110m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 1 OF 11

Position : 403991.0 E, 5440471.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 20 Mar 19	**Date Completed :** 27 Mar 19	**Logged by :** JRN	**Date :** 18 Oct 21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1				GRANITE, mottled orange-pink, pale grey, orange-cream, spotted black, coarse grained up to 15mm, FE staining throughout	FR	VH		100				1
				1.60		NOT LOGGED								
2														2
3														3
4	PCD													4
5														5
6														6
7				7.00		GRANITE, mottled pink, brown-cream, pale grey, spotted black, coarse grained up to 15mm		VH		100				7
8	HQ Coring	2												8
				8.80		NOT LOGGED								
9	PCD													9
10														10

Defect Spacing (mm): 20, 40, 100, 300, 1000
Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/10/21

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 2 OF 11

Position : 404159.0 E, 5440378.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : DR
Date Started : 20 Mar 19	Date Completed : 27 Mar 19	Logged by : JRN	Date : 18 Oct 21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11	PCD				11.0									
12					12.0									
13	HQ Coring	3			13.0		GRANITE, mottled pink, brown-cream, pale grey, spotted black, coarse grained up to 15mm		VH		100			
14					14.0		feldspar crystals weathred to clay		L-M					14.55-14.6m: recovered as gravel
15	PCD				15.0		NOT LOGGED							
16					16.0									
17	HQ Coring	4			17.0		GRANITE, mottled red-pink, brown-cream, pale grey, spotted black, coarse grained up to 15mm		VH		100			17.5m: JT, 45°m UN, CN, VRF
18					18.0									
19		5			19.0		becoming mottled pink, pale grey, cream, spotted black, Fe staining throughout				98			19.5m: JT, 25°, UN, FE, SN, RF
20					20.0									

Core Recovery (%): 20 80
Defect Spacing (mm): 20 40 100 300 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 3 OF 11

Position : 404159.0 E, 5440378.0 N \ 55 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 20 Mar 19 | Date Completed : 27 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	5		21.0		plagioclase crystals becoming cream-brown				100			20.0m: JT, 5°, UN, FE, SN, VRF 20.13m: JT, 10°, UN, FE, SN, VRF 20.16m: JT, 10°, UN, FE, SN, VRF 20.33m: JT, 10°, UN, FE, SN, VRF 20.36m: JT, 20°, UN, FE, SN, VRF 20.64m: JT, 20°, UN, FE, SN, VRF 20.7m: JT, 20°, UN, FE, SN, VRF 20.74m: JT, 10°, UN, FE, SN, VRF	21
22		6		22.0										22
23				23.0		reduction in Fe staining							22.88m: JT, 10°, UN, FE, SN, VRF 23.18m: JT, 15°, PLN, FE, SN, VRF	23
24				24.0						96				24
25				25.0		orthoclase crystalsbecoming red-pink increase in Fe staining							25.19m: JT, 10°, PLN, FE, SN, VRF 25.27m: JT, 10°, PLN, FE, SN, VRF 25.29m: JT. 10°, PLN, FE, SN, VRF	25
26		7		26.0		no Fe staining								26
27				27.0		orthoclase crystals becoming pink				96				27
28				28.0		increase in Fe staining								28
29		8		29.0		becoming mottled pink, cream, pale grey, spotted black, Fe staining							29.26m: JT, 30°, UN, FE, SN, VRF 29.43m: JT, 20°, UN, FE, SN, VRF 29.53m: JT, 15°, UN, FE, SN, VRF	29
30				30.0		plagioclase crystals becoming grey-brown								30

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-23**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		SHEET 4 OF 11
Position :	404159.0 E, 5440378.0 N \ 55	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850	Checked : DR
Date Started :	20 Mar 19	Date Completed : 27 Mar 19	Logged by : JRN	Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	8		31.0		orthoclase becoming red-pink				99				31
32				32.0		orthoclase becoming pink							32.74m: JT, 5°, UN, FE, SN, VRF 32.75m: JT, 5°, UN, FE, SN, VRF	32
33		9		33.0		orthoclase becoming red-pink								33
34				34.0										34
35				35.0										35
36				36.0		Fe staining throughout no Fe staining				96			36.08m: JT, 10°, UN, FE, SN, VRF	36
37		10		37.0		Fe staining throughout, becoming mottled red-pink, pale grey, orange-cream, spotted black							37.28m: JT, 15°, UN, FE, SN, VRF	37
38				38.0									38.22m: JT, 15°, IR, FE, SN, VRF 38.3m: JT, 20°, UN, FE, SN, VRF	38
39		11		39.0		no Fe staining, becoming mottled pink, pale grey, cream-brown, spotted black				100				39
40		12		40.0						100				40

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-23**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		**SHEET 5 OF 11**
Position :	404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	20 Mar 19	**Date Completed :** 27 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** (ROCK TYPE, colour, grain size, structure) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: HQ Coring

Runs: 12, 13, 14

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

RQD (%): 100, 100

Depth (m): 41.0, 42.0, 43.0, 44.0, 45.0, 46.0, 47.0, 48.0, 49.0, 50.0

Fe staining throughout, plagioclase crystals becoming orange-cream

no Fe staining

41.31m: JT, 15°, UN, FE, SN, VRF

41.64m: JT, 5°, UN, FE, SN, VRF

42.11m: JT, 0°, UN, FE, SN, VRF

42.13m: JT, 0°, UN, FE, SN, VRF

42.83m: JT, 20°, UN, FE, SN, VRF

42.98m: JT, 15°, UN, FE, SN, VRF

43.3m: JT, 5°, UN, FE, SN, VRF

43.4m: JT, 15°, UN, FE, SN, VRF

43.91m: JT, 5°, UN, FE, SN, VRF

44.84m: JT, 15°, UN, FE, SN, VRF

45.23m: JT, 30°, UN, FE, SN, VRF

46.09m: JT, 5°, UN, FE, SN, VRF

49.77m: JT, 5°, UN, FE, SN, VRF

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-23**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE		**SHEET 6 OF 11**
Position :	404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	20 Mar 19	**Date Completed :** 27 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
51	HQ Coring	14			51.0		becoming finer grained up to 10mm, mottled pink, grey, brown-cream, spotted black				93			51.7m: JT, 5°, UN, FE, SN, VRF	51
52		15			52.0		Fe staining throughout no Fe staining, orthoclase becoming pale pink							52.13m: JT, 45°, UN, FE, SN, VRF 52.18m: JT, 40°, UN, FE, SN, VRF 52.23m: JT, 40°, UN, FE, SN, VRF	52
53					53.0										53
54					54.0		Fe staining throughout no Fe staining				99			53.77m: JT, 5°, UN, FE, SN, VRF 54.1m: JT, 20°, UN, FE, SN, VRF 54.14m: JT, 20°, UN, FE, SN, VRF 54.19m: JT, 30°, UN, FE, SN, VRF	54
55		16			55.0										55
56					56.0										56
57					57.0		Fe staining throughout no Fe staining				99			57.27m: JT, 10°, UN, FE, SN, VRF 57.31m: JT, 10°, UN, FE, SN, VRF	57
58		17			58.0										58
59					59.0										59
60					60.0		orthoclase becoming pink								60

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 7 OF 11

Position : 404159.0 E, 5440378.0 N \ 55 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 20 Mar 19 | Date Completed : 27 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	17			61.0		Fe staining throughout no Fe staining				100			60.05m: JT, 10°, UN, FE, SN, VRF 60.08m: JT, 10°, UN, FE, SN, VRF	61
62		18			62.0		Fe staining throughout no Fe staining								62
63					63.0		Fe staining throughout no Fe staining				100			62.86-62.9m: JT, x 3, 5°, UN, FE, SN, VRF 63.3m: JT, 10°, UN, FE, SN, VRF 63.32m: JT, 10°, UN, FE, SN, VRF	63
64					64.0										64
65		19			65.0										65
66					66.0						100			66.29m: JT, 5°, UN, FE, SN, VRF	66
67					67.0										67
68		20			68.0										68
69					69.0						100			68.9m: JT, 10°, UN, PLN, FE, SN, VRF	69
70		21			70.0										70

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 8 OF 11

Position : 404159.0 E, 5440378.0 N \ 55 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 20 Mar 19 | Date Completed : 27 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
71	HQ Coring	21		71.0										71
72				72.0						100			71.71m: JT, 20°, UN, FE, SN, VRF	72
73		22		73.0		becoming mottled pale pink, orange-cream, grey, spotted black, Fe staining, throughout								73
74				74.0		becoming mottled pink, grey, cream-brown, spotted black							73.87m: JT, 35°, UN, FE, SN, VRF 73.97m: JT, 35°, PLN, FE, SN, VRF 74.3m: JT, 35°, UN, FE, SN, VRF	74
75				75.0										75
76		23		76.0						100				76
77				77.0									76.83m: JT, 5°, UN, FE, SN, VRF	77
78				78.0										78
79		24		79.0						99				79
80				80.0										80

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - KINGSCLERE

LOCATION No. KC-23

SHEET 9 OF 11

Position : 404159.0 E, 5440378.0 N \ 55 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 20 Mar 19 | Date Completed : 27 Mar 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description: ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
81	HQ Coring	24		81.0		Fe staining throughout no Fe staining				100			80.65m: JT, 15°, UN, FE, SN, VRF 80.68m: JT, 15°, UN, FE, SN, VRF 81.39m: JT, 10°, UN, FE, SN, VRF	81
82				82.0										82
83		25		83.0									83.03m: JT, 5°, UN, CN, VRF	83
84				84.0						100				84
85				85.0										85
86		26		86.0									86.63m: JT, 5°, UN, CN, VRF	86
87				87.0						99			87.47m: JT, 5°, UN, CN, VRF	87
88				88.0									88.04m: JT, 5°, UN, CN, VRF	88
89		27		89.0									88.95m: JT, 5°, UN, CN, VRF	89
90				90.0									89.7m: JT, 5°, UN, FE, SN, VRF 89.71m: JT, 5°, UN, FE, SN, VRF	90

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Job No. 3218759

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-23**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	10 OF 11
Position :	404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	20 Mar 19	**Date Completed :** 27 Mar 19	**Logged by :** JRN

Processed : JRN

Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** (ROCK TYPE, colour, grain size, structure) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: HQ Coring

Runs: 27 (91.0–92.0), 28 (92.0–93.0), 29 (93.0–94.0), 30 (97.0–98.0), 31 (99.0–100.0)

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

RQD (%): 100, 100, 100, 93

92.0 becoming coarse up to 15mm

97.0 Fe staining throughout

98.0 becoming mottled pale pink, grey, orange-brown, spotted black

99.0 plagioclase crystals becoming cream-orange

96.78m: JT, 10°, UN, FE, SN, VRF
96.97m: JT, 0°, UN, FE, SN, VRF
97.4m: JT, 0°, UN, FE, SN, VRF
97.53m: JT, 0°, UN, FE, SN, VRF
97.65m: JT, 0°, UN, FE, SN, VRF
97.82m: JT, 0°, UN, FE, SN, VRF
97.86m: JT, 0°, UN, FE, SN, VRF
97.97m: JT, 0°, UN, FE, SN, VRF
98.87m: JT, 5°, UN, FE, SN, VRF
99.45m: JT, 0°, UN, FE, SN, VRF
99.5m: JT, 0°, UN, FE, SN, VRF
99.55m: JT, 5°, UN, FE, SN, VRF

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. KC-23**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - KINGSCLERE	**SHEET**	11 OF 11
Position :	404159.0 E, 5440378.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	20 Mar 19	**Date Completed :** 27 Mar 19	**Logged by :** JRN

Processed : JRN

Date : 18/10/21

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
101	HQ Coring	31		101.0									100.4m: JT, 35°, PLN, FE, SN, VRF 100.99m: JT, 65°, UN, FE, SN, VRF 101.09m: JT, 30°, UN, FE, SN, VRF	101
102				102.0		lineations @ 80°							101.83m: JT, 20°, PLN, FE, SN, VRF 102.1m: JT, 80°, UN, ROCK/CLAY, INFILL, 5mm	102
						End of Hole @ 102.6m								
103				103.0										103
104				104.0										104
105				105.0										105
106				106.0										106
107				107.0										107
108				108.0										108
109				109.0										109
110				110.0										110

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 0.0-21.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 21.6-32.98m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 23.98-48.05m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 21.6-32.98m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 23.98-48.05m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 48.05-63.29m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 63.29-70.82m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 70.82-82.03m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 82.03-97.27m	Client: Livingstone Resources
Revision: A	Date: 28-Sep-21	Cad Reference:			Project: Granite Quarry Exploration -
					Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23 97.27-102.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log KC-23	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No: -

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-1

SHEET 1 OF 4

Position : 405233.0 E, 5432483.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 2 Aug 18 | Date Completed : 3 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1	▽	1.0		CORE LOSS (3000mm)				0				1
2				2.0										2
3				3.0		GRANITE, spotted pink, cream, grey, black, coarse grained up to 4mm, porphyritic, some phenocrysts up to 12mm, FE staining	SW / HW	VH		97			3.0m: JT, 35°, UN, CN, RF 3.22m: JT, 60°, UN, FE, SN, RF	3
4		2		4.0		CORE LOSS (1380mm)				0			3.58m: JT, 60°, UN, FE, SN, RF	4
5				5.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, porphyritic, some phenocrysts up to 12mm, FE staining	HW	M		100 84			5.07m: JT, 5°, UN, FE, SN, RF 5.1m: Inferred drilling break 5.15m: JT, 5°, PLN, FE, SN, RF 5.18m: JT, 10°, PLN, FE, SN, RF 5.25m: JT, 5°, PLN, FE, SN, RF 5.3m: JT, 5°, PLN, FE, SN, RF 5.33 - 6.5m: Inferred drilling breaks	5
6		3		6.0										6
7				7.0		CORE LOSS (2600mm)				0				7
8		4		8.0						0				8
9				9.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, porphyritic, some phenocrysts up to 12mm, minor FE staining	HW	M		100			9.2 - 9.4m: Inferred drilling breaks	9
10		5		10.0		CORE LOSS (450mm) GRANITE, spotted pale pink, cream, grey, black,	HW	M		0 94			9.85m: JT, 10°, UN, FE, SN, RF	10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-1**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 4**	
Position :	405233.0 E, 5432483.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	2 Aug 18	**Date Completed :** 3 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	5		11.0		coarse grained up to 4mm, porphyritic, some phenocrysts up to 12mm, minor FE staining	SW -MW	VH-H					9.92m: JT, 5°, UN, FE, SN, RF 10.17m: Inferred drilling break 10.32m: Inferred drilling break 10.4m: Inferred drilling break 10.74m: JT, 0-45°, IR, CN, RF 10.77m: Inferred drilling break	11
12		6		12.0			MW	H		94			11.33m: JT, 35°, PLN, FE, SN, RF 11.45m: JT, 30°, PLN, FE, SN, RF 11.77m: JT, 30°, PLN, FE, SN, RF 11.84m: JT, 30°, PLN, FE, SN, RF 11.99m: JT, 25°, UN, CN, RF 12.19m: JT, 35°, UN, CN, RF	12
						CORE LOSS (300mm)				0				
13		7		13.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, minor FE staining	MW	H		91			12.64m: JT, 10°, PLN, CN, RF 12.69m: JT, 50°, UN, CN, RF 13.4m: JT, 70°, PLN, CLAY, RF, 5mm	13
						CORE LOSS (200mm)				0				
14		8		14.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, minor FE staining		H		100 100			14.15m: JT, 15°, PLN, FE, SN, RF 14.29m: JT, 10°, PLN, CN, RF	14
15				15.0			SW	VH					14.7m: JT, 10°, UN, FE, SN, RF 14.8m: JT, 10°, UN, CN, RF	15
16		9		16.0			MW			100			15.6m: JT, 75°, PLN, CN, RF 15.93m: JT, 5°, PLN, FE, SN, RF	16
						CORE LOSS (200mm)				0				
17		10		17.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, minor FE staining	MW	VH-H		100			16.7 - 19.3m: Inferred drilling breaks	17
18				18.0			MW -HW	H-M						18
						CORE LOSS (600mm)				0				
19		11		19.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, minor FE staining	MW -HW	H-M		100				19
20				20.0										20

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-1**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 4
Position :	405233.0 E, 5432483.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** ASH
Date Started :	2 Aug 18	**Date Completed :** 3 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results
21	HQ Coring	12			21.0		GRANITE, spotted pale pink, cream, grey, black, coarse grained up to 4mm, minor FE staining		H-M		100			19.95m: JT, 20°, FE, SN, RF 20.1 - 23.1m: Inferred drilling breaks
22		13			22.0			SW -MW	VH-H		100			
23		14			23.0						100			23.6m: JT, 15°, FE, SN, RF 23.75 - 25.65m: Inferred drilling breaks
24		15			24.0						100			
25		16			25.0			SW	VH		100			25.67m: JT, 5°, UN, CN, RF
26		17			26.0						98			26.1m: Inferred drilling break 26.27: Inferred drilling break 26.62m: JT, 10-25°, IR, FE, SN, RF 26.64m: JT, 5°, PLN, FE, SN, RF 26.65m: JT, 5°, UN, CN, RF
27		18			27.0						100			27.3m: Inferred drilling break
28		19			28.0						100			28.05m: Inferred drilling break 28.2m: Inferred drilling break
29		20			29.0			MW -HW	VH-H		100			28.75m: Inferred drilling break 28.9m: JT, 20°, PLN, CN, RF 29.1m: Inferred drilling break
30					30.0				H-M					29.7m: Inferred drilling break

Core Recovery (%): 20 – 80 | Defect Spacing (mm): 20, 40, 100, 300, 1000

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-1

SHEET 4 OF 4

Position : 405233.0 E, 5432483.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 2 Aug 18 | Date Completed : 3 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	20		31.0	× × ×	End Of Hole @ 30.6m							29.95m: JT, 10°, UN, CN, RF 30.15m: Inferred drilling break 30.45m: JT, 30°, UN, FE, SN, RF 30.55m: Inferred drilling break 30.6m: Inferred drilling break	31
32				32.0										32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-1 0 - 22.8m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-1 22.8 - 30.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-2

SHEET 1 OF 3

Position : 405748.0 E, 5431970.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH

Date Started : 11 Jul 18 | Date Completed : 1 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1	▽	1.0		CORE LOSS (1250mm)				0				1
						GRANITE, spotted pink, cream, grey, black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm, zones of FE staining	SW / FR	VH		100			1.27m: JT, 10°, UN, FE, SN, RF 1.44m: JT, 20°, UN, FE, SN, RF	
2		2		2.0			SW						1.71m: JT, 5°, UN, FE, SN, RF 1.88m: JT, 75°, CU, FE, SN, RF	2
							FR			100			2.1m: Inferred drilling break	
				3.0		CORE LOSS (240mm)				0			2.67m: Inferred drilling break 2.73m: Driller noted water loss	
3						GRANITE, spotted pink, cream, grey, black, porphyritic, fine to medium grained up to 2mm, phenocrysts up to 15mm, zones of FE staining	SW / FR	VH		100			3.2 - 4.3m: Inferred drilling breaks	3
		3				CORE LOSS (250mm)				0				
4				4.0		GRANITE, spotted pink, cream, grey, black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm, zones of FE staining	SW / FR	VH		100				4
							SW							
						CORE LOSS (500mm)				0			4.6m: Driller noted softer material and pressure gague lower	
5				5.0		GRANITE, spotted pink, cream, grey, black, medium grained up to 2mm, zones of FE staining	SW / FR	VH		100				5
		4					SW							
						CORE LOSS (300mm)				0			5.45m: Inferred drilling break 5.47m: JT, 20°, PLN, CN, RF 5.53m: Driller noted water loss	
6				6.0		GRANITE, spotted pink, cream, grey, black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm, zones of FE staining	MW / FR	H / VH		100			5.83m: JT, 15°, UN, FE, SN, RF 5.95m: JT, 45°, UN, FE, SN, RF 6.14m: Inferred drilling break	6
							SW			100			6.6m: Inferred drilling break	
		5				CORE LOSS (300mm)				0			6.74m: JT, 80°, PLN, FE, SN, RF	
7				7.0		GRANITE, spotted pink, cream, grey, black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm, zones of FE staining	MW -HW	H		85			7.49m: JT, 25°, UN, FE, SN, RF 7.55m: JT, 25°, UN, FE, SN, RF 7.72m: JT, 60°, CU, CN, RF 7.74m: JT, 60°, healed 7.94m: JT, 70°, UN, CN, RF	7
8				8.0						100			8.1 - 9.6m: Inferred drilling breaks	8
		6				CORE LOSS (80mm)				0				
9				9.0		GRANITE, spotted pink, cream, grey, black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm, zones of FE staining	MW	H		100				9
		7								63				
10				10.0										10

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-2**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 3**	
Position :	405748.0 E, 5431970.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** Drillmac 500 explorer	**Checked :** ASH
Date Started :	11 Jul 18	**Date Completed :** 1 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	7			11.0			SW -MW	H-VH		100			10.23: JT, 50°, UN, FE, SN, RF 10.51m: JT, 80°, PLN, FE, SN, RF 10.58m: Inferred drilling break 10.81m: JT, 70°, PLN, CA, INFILL RF, 1-2mm 10.86m: JT, 85°, PLN, FE, SN, SO 10.9m: JT, 40°, PLN, FE, SN, SO 11.11m: JT, 10°, PLN, FE, SN, RF	11
		8						FR	VH					11.29m: JT, 55°, PLN, FE, SN, RF 11.43 - 14.1m: Inferred drilling breaks	
12		9			12.0						100				12
13		10			13.0						100				13
14		11			14.0						100			14.51m: JT, 45°, UN, FE, SN, SO 14.81m: JT, 5°, UN, FE, SN, RF	14
15					15.0		paler pink in colour, minor laminations within rock (15.0-15.6m)							15.08 - 15.48m: Inferred drilling breaks	15
		12									100			15.56m: JT, 10°, UN, FE, SN, SO	
16		13			16.0						100			15.81 - 16.83m: Inferred drilling breaks	16
17		14			17.0		phenocrysts up to 10mm				100			17.05m: JT, 80°, PLN, FE, SN, RF 17.17m: Inferred drilling break 17.56m: Inferred drilling break	17
18					18.0									17.78m: Inferred drilling break 18.31m: JT, 25°, UN, FE, SN, RF	18
		15					FE staining/discolouration associated with jointing				96			18.6m: Inferred drilling break	
19					19.0									18.97m: JT, 80°, PLN, FE, SN, RF 19.34m: JT, 15°, PLN, FE, SN, RF 19.37m: JT, 15°, PLN, FE, SN, RF 19.39m: JT, 15°, PLN, FE, SN, RF 19.4m: JT, 15°, PLN, FE, SN, RF 19.54 - 20.32m: Inferred drilling breaks	19
20					20.0										20

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-2**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 3
Position :	405748.0 E, 5431970.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** Drillmac 500 explorer		**Checked :** ASH
Date Started :	11 Jul 18	**Date Completed :** 1 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	16			21.0						89			20.38m: JT, 10°, UN, CN, RF 20.45 - 20.54m: CZ, 10°, fine to coarse gravel sized fragments, sub angular	21
														21.09m: JT, 10°, PLN, FE, SN, RF 21.13m: JT, 10°, PLN, FE, SN, RF	
											100			21.46 - 22.83m: Inferred drilling breaks	
22		17			22.0										22
23		18			23.0		red-brown colour around black minerals (biotite), increase in FE staining and pink colouring of rock				100			22.98m: JT, 40°, IR, FE, SN, RF 23.1m: JT, 10°, UN, FE, SN, RF	23
														23.45m: JT, 75°, PLN, FE, SN, RF	
24					24.0									23.88m: Inferred drilling break	24
														24.2m: JT, 80°, CU, FE, SN, RF	
											94			24.6m: Inferred drilling break 24.68m: JT, 50°, UN, CN, RF	
25		19			25.0										25
														25.35m: JT, 20°, PLN, FE, SN, RF 25.45m: JT, 20°, PLN, CN, RF 25.54m: JT, 15°, PLN, CN, RF 25.69m: Inferred drilling break	
26					26.0									25.84m: JT, 45°, PLN, FE, SN, RF	26
		20					less pink in colour and no red-brown colouring around black minerals				95			26.1m: Inferred drilling break 26.3m: Inferred drilling break	
														26.56m: JT, 30°, UN, CN, RF 26.69m: JT, 20°, PLN, FE, SN, RF	
27					27.0									26.86m: JT, 60-70°, CU, FE, SN, RF 27.12m: Inferred drilling break	27
											99			27.6m: JT, 40°, PLN, FE, SN, RF 27.66m: JT, 40°, UN, FE, SN, RF	
28		21			28.0									28.05m: Inferred drilling break 28.18m: JT, 25°, UN, FE, SN, RF	28
29					29.0		End Of Hole @ 29.1m							28.95m: JT, 45°, UN, CN, RF 28.97m: JT, 45°, UN, CN, RF 29.1m: Inferred drilling break	29
30					30.0										30

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-2 1.25 -16.83m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-2 16.83 - 29.1m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-3

SHEET 1 OF 3

Position : 406454.0 E, 5431892.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH

Date Started : 3 Jul 18 | Date Completed : 6 Jul 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	Hammer		▽	0.0		GRANITE, mottled pale pink, cream, white, grey, course grained up to 20mm	XW -HW	VL-L					0.0 - 9.35m: Drilled using Hammer drill bit. No core recovered. Descriptions based on rock cuttings. Hammer used at clients request through weathered material.	0
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0										6
7				7.0										7
8			▶	8.0										8
9				9.0										9
10	NQ Coring	1		9.35		mottled pink, cream, grey, spotted black, slight greenish colouring in some plagioclase crystals, trace muscovite	SW -FR	VH		100				10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-3

SHEET 2 OF 3

Position : 406454.0 E, 5431892.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH

Date Started : 3 Jul 18 | Date Completed : 6 Jul 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11	NQ Coring	4			11.0			FR			100			10.3m: Inferred drilling break 10.45m: Inferred drilling break 10.6m: Inferred drilling break
		5									50			
		6									100			10.88m: JT, 40°, UN, CN, RF 10.97m: JT, 0°, UN, CN, RF 10.98m: Inferred drilling break
12		7			12.0						100			11.6m: Inferred drilling break 11.65m: Inferred drilling break 11.73m: JT, 20°, UN, FE, SN, RF 11.78 - 14.43m: Core kept on falling out of catcher and when recovered was broken due to being dropped down hole 11.78m: Inferred drilling break 11.79m: JT, 0-5°, UN, FE, SN, RF 11.81m: JT, 5°, UN, FE, SN, RF 11.85m: 10°, UN, FE, SN, RF
							CORE LOSS (500mm)							
13		8			13.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, slight greenish colouring in some plagioclase crystals, trace muscovite	FR	VH		100			13.15 - 15.97m: Inferred drilling breaks
14		9			14.0						100			
		10									100			
15		11			15.0						100			
		12									100			
		13					CORE LOSS (50mm)							
							GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, slight greenish colouring in some plagioclase crystals, trace muscovite	FR	VH		100			
16		14			16.0		slight FE discolouration around some black (biotite) crystals				95			16.24 - 16.29m: CZ, fine to medium gravel sized fragments, subangular to subrounded
		15									97			16.57 - 17.75m: Inferred drilling breaks
17					17.0									
18		16			18.0		CORE LOSS (50mm)				83			17.99m: JT, 20°, UN, FE, SN, RF 18.01m: JT, 20°, UN, FE, SN, RF 18.03m: JT, 20°, UN, FE, SN, RF 18.18 - 18.21m: CZ, fine to coarse gravel sized fragments, subangular to angular 18.23m: JT, 20°, UN, FE, SN, RF 18.27m: JT, 20°, UN, FE, SN, RF 18.32m: JT, 20°, UN, FE, SN, RF 18.45m: JT, 80°, IR, FE, SN, RF 18.66 - 19.57m: Inferred drilling breaks
							GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, slight greenish colouring in some plagioclase crystals, trace muscovite, slight FE discolouration around some black (biotite) crystals	FR	VH					
19					19.0									
		17									100			
20					20.0									19.83: JT, 55°, UN, FE-MN (dark green), SN, RF

Defect Spacing (mm): 20 | 40 | 100 | 300 | 1000

Core Recovery (%): 20 | 80

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-3**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 3
Position :	406454.0 E, 5431892.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** Drillmac 500 explorer		**Checked :** ASH
Date Started :	3 Jul 18	**Date Completed :** 6 Jul 18	**Logged by :** JRN	**Date :** 26 Sep 18

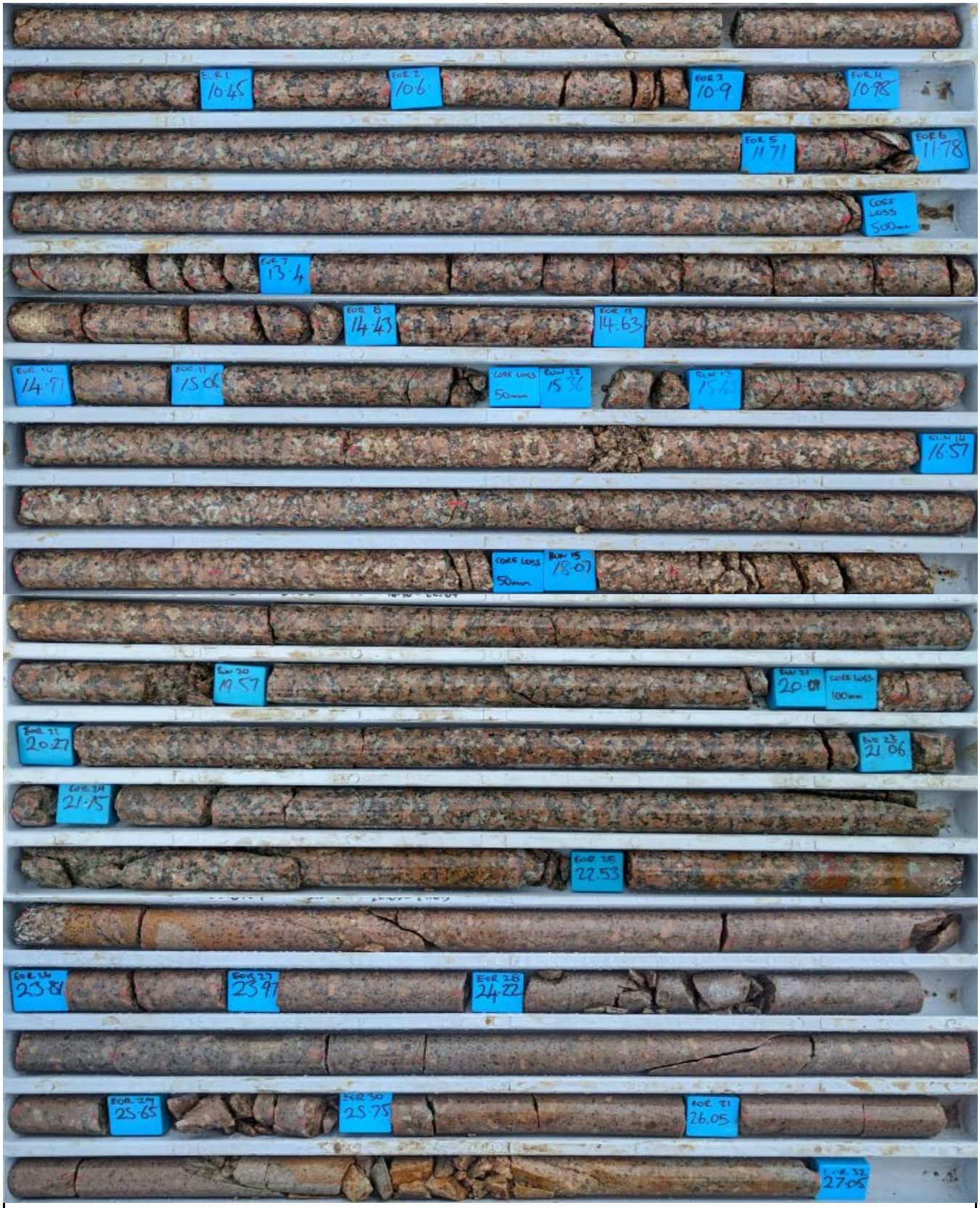
DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	NQ Coring	18			21.0		CORE LOSS (100mm)							20.08 - 20.56m: Inferred drilling breaks	21
		19					GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, slight greenish colouring in some plagioclase crystals, trace muscovite	FR	VH		100				
		20									100			20.7m: Driller advised that rock was getting harder to drill	
											100			21.04 - 21.33m: Inferred drilling breaks	
22		21			22.0		patches of FE staining (22.2 - 22.5m)							22.05m: JT, 70-80°, IR-UN, FE-MN (dark green), SN, RF	22
							possible contact zone, red-brown mineral present				100			22.53m: Inferred drilling breaks	
23		22			23.0		pink with mottled grey, green, cream and spotted black, fine to medium grained up to 2mm, porphyritic, phenocrysts up to 15mm							22.9m: Inferred drilling breaks 22.98m: Inferred drilling breaks 23.08m: JT, 60°, healed 23.24m: JT, 60°, UN, FE, SN, RF	23
							zone of high abundance of biotite (22.87 - 22.9m)							23.58 - 25.05m: Inferred drilling breaks	
24		23			24.0						100				24
		24					matrix changing colour to cream-grey				100				
25		25			25.0						100				25
							matrix changing colour to pink-cream-grey							25.37m: JT, 80°, UN, FE-MN (dark green), SN, SO 25.44m: JT, 10°, UN, CN, SO	
		26									100			25.61m: Inferred drilling breaks 25.69m: Inferred drilling breaks 25.75m: Inferred drilling breaks 25.89m: JT, 15°, UN, FE, SN, RF	
26		27			26.0						100				26
											70			26.05 - 26.32m: Inferred drilling breaks	
		28												26.52m: JT, 80°, PL, FE, SN, SO 26.73m: JT, 80°, PL, FE, SN, SO	
27					27.0		FE staining appearing (26.8 - 27.05m)								27
		29					matrix changing colour to pink-cream				100			27.05m: Inferred drilling break	
														27.46m: JT, 15°, UN, FE, SN, RF	
		30			28.0						100			27.64m: Inferred drilling break 27.97m: Inferred drilling break	28
28														28.25m: JT, 60°, healed 28.26m: JT, 60°, UN, CN, RF 28.28m: JT, 60°, UN, CN, RF	
		31									100			28.55m: Inferred drilling break	
29					29.0									28.79m: JT, 60°, healed 28.86m: Inferred drilling break 29.11m: Inferred drilling break	29
														29.37m: JT, 80°, PL, FE-MN (dark green), SN, RF	
														29.58m: Inferred drilling break	
30					30.0		End of Hole @ 30.0m							29.81m: Inferred drilling break 30.00m: Inferred drilling break	30

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-3 9.35 - 27.05m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-3 27.05 - 30.0m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-3	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 1 OF 4**	
Position :	404294.0 E, 5429566.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	6 Aug 18	**Date Completed :** 7 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
0							GRANITE, pale grey, spotted cream, black, fine to medium grained up to 2mm, FE staining	MW -HW SW FR SW	M-H VH		93			0.06m: 0°, UN, FE, SN, RF 0.11m: JT, 40°, PLN, FE, SN, RF 0.23m: Inferred drilling break
					1.0		CORE LOSS (1300mm)				0			0.66m: JT, 10°, UN, FE, SN, RF
1		1												
2			▽		2.0		GRANITE, orange-brown, spotted black, fine to medium grained up to 2mm	SW -MW SW	M-H VH		100 100			2.1m: Inferred drilling break
		2												2.62m: JT, 5°, PLN, FE, SN, RF
3					3.0		pale grey, spotted cream, pink, black, medium to coarse grained up to 3mm	FR						3.06 - 3.94m: Inferred drilling break
		3									100			
4					4.0									
														4.72m: JT, 80°, UN, QZ, INFILL, RF, 1mm
5	HQ Coring				5.0									4.9 - 7.9m: Inferred drilling break
		4									100			
6					6.0									
											100			
7		5			7.0		minor voids (possible leaching) up to 3mm							
8					8.0						96			8.14m: JT, 10°, PLN, FE, SN, RF 8.22m: JT, 30°, PLN, FE, SN, RF
		6												8.5m: JT, 70°, PLN, FE, SN, RF
9					9.0									
											100			9.4 - 9.75m: Inferred drilling break
		7												
10					10.0									

Core Recovery (%): 20 – 80 | Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 4**	
Position :	404294.0 E, 5429566.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	6 Aug 18	**Date Completed :** 7 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
11	HQ Coring	7			11.0						100			10.25m: JT, 85°, UN, FE, MN, SN, RF 10.3 - 11.0m: Inferred drilling break	11
12		8			12.0						100			11.95m: JT, 85°, UN, FE-MN, SN, RF	12
13		9			13.0									13.0m: JT, 85°, UN, FE-MN, SN, RF 13.7m: Inferred drilling break	13
14		10			14.0		increase in pink colouring, larger black crystals (biotite) up to 10mm present				100			13.89m: JT, 15°, UN, FE, SN, RF 14.1m: Inferred drilling break 14.24m: Inferred drilling break 14.3m: JT, 85°, UN, FE-MN, RF 14.36 - 15.62m: Inferred drilling breaks	14
15		11			15.0						100			15.7m: JT, 75-90°, CU, FE, SN, RF 15.82m: Inferred drilling break	15
16		12			16.0		dark green-grey staining runing along length of core (possible alteration)				97			15.97m: Inferred drilling break 16.0m: JT, 80°, UN, FE-MN, RF, partially healed 16.03 - 16.93m: Inferred drilling breaks	16
17		13			17.0									17.24m: JT, 50°, UN, CN, RF 17.29m: JT, 10°, UN, CN, RF	17
18					18.0						95			17.76m: JT, 15°, UN, CN, RF 17.82 - 18.73m: Inferred drilling breaks	18
19					19.0									19.47m: JT, 45°, PLN, CN, RF 19.55m: JT, 35°, PLN, CN, RF 19.69m: Inferred drilling break 19.8m: Inferred drilling break 19.88m: Inferred drilling break	19
20		14			20.0						96				20

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-4**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 4
Position :	404294.0 E, 5429566.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850		**Checked :** ASH
Date Started :	6 Aug 18	**Date Completed :** 7 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
21	HQ Coring	14			21.0									20.1m: JT, 80°, UN, green mineral (KT?), SN, RF 20.45m: JT, 60°, PLN, green mineral (KT?), SN, RF 20.64m: JT, 30°, PLN, CN, RF 20.7m: JT, 30°, PLN, FE, SN, RF 20.93m: JT. 5°, UN, CN, RF 21.14m: Inferred drilling break	21
22		15			22.0						97			21.4m: Inferred drilling break 21.98m: JT, 20°, UN, CN, RF 22.02m: JT, 30°, UN, FE, SN, RF 22.32m: Inferred drilling break	22
23		16			23.0						100			22.82m: JT, 10°, PLN, FE, SN, RF 23.0m: Inferred drilling break 23.23m: Inferred drilling break	23
24		17			24.0						100			23.83m: JT, 20°, PLN, FE, SN, RF 24.19 - 26.28m: Inferred drilling break	24
25					25.0										25
26		18			26.0		large patches of dark green-grey appearing (possible alteration)				98				26
27		19			27.0		FE staining between 27.24 - 27.38m				95			26.9m: JT, 30°, UN, CN, RF 27.04m: Inferred drilling break 27.24m: JT, 70°, FE, PLN, IN, RF, 25mm 27.36m: JT, 50°, UN, FE, SN, RF 27.6m: Inferred drilling break 27.65m: JT, 20°, UN, CN, RF 27.9m: Inferred drilling break 28.05m: JT, 50°, UN, CN, RF	27
28					28.0									28.4m: JT, 45°, PLN, CN, RF 28.41m: JT, 40°, PLN, CN, RF 28.47m: JT, 20°, PLN, CN, RF 28.81m: JT, 45°, UN, CN, RF	28
29		20			29.0						100			29.1m: JT, 50°, PLN, CN, RF 29.16m: Inferred drilling break 29.21m: Inferred drilling break 29.26m: Inferred drilling break 29.75m: VN, 85°,QZ, 5mm	29
30					30.0										30

Core Recovery (%): 20 – 80. Defect Spacing (mm): 20, 40, 100, 300, 1000.

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-4

SHEET 4 OF 4

Position : 404294.0 E, 5429566.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 6 Aug 18	Date Completed : 7 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
30	HQ Coring	20		30.0	× × ×								30.11m: Inferred drilling break	30
					× × ×								30.46m: Inferred drilling break	
					× × ×	End Of Hole @ 30.6m							30.6m: Inferred drilling break	
31				31.0										31
32				32.0										32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

Core Recovery (%): 20 80
Defect Spacing (mm): 20 40 100 300 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-4 0 - 15.1m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-4 15.1 - 29.52m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-4 29.52 - 30.6m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-4	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-5**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 1 OF 4**	
Position :	406963.0 E, 5430459.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	3 Aug 18	**Date Completed :** 6 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	PCD		▽	0.0	× × ×	GRANITE, mottled pale pink, cream, white, grey, coarse grained up to 20mm	XW -HW	M-VL	20 80		20 40 100 300 1000		0.0 - 31.45m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	0
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-5

SHEET 2 OF 4

Position : 406963.0 E, 5430459.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 3 Aug 18 | Date Completed : 6 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD			11.0		GRANITE, mottled pale pink, cream, white, grey, coarse grained up to 20mm	XW -HW	M-VL					0.0 - 31.45m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
17				17.0										17
18				18.0										18
19				19.0										19
20				20.0										20

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-5

SHEET 3 OF 4

Position : 406963.0 E, 5430459.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 3 Aug 18 | Date Completed : 6 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	PCD			21.0		GRANITE, mottled pale pink, cream, white, grey, coarse grained up to 20mm	XW -HW	M-VL					0.0 - 31.45m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27				27.0										27
28				28.0										28
29				29.0										29
30				30.0										30

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Job No. 3218759

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-5**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	4 OF 4
Position :	406963.0 E, 5430459.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	3 Aug 18	**Date Completed :** 6 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	PCD			31.0									0.0 - 31.45m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	31
32	HQ Coring	1		32.0		mottled pink, cream, grey, spotted black, coarse grained up to 20mm, red-brown staining around black (biotite) crystals, fine to meduim grained zone (31.5-31.6m)	FR -SW	VH		100			31.9m: JT, 35°, UN, FE, SN, VR 32.0m: Inferred drilling breaks	32
33		2		33.0						100			32.33m: JT, 75°, UN, CN, VR 32.41m: JT, 30°, UN, FE, SN, VR 32.5 - 33.15m: Inferred drilling breaks	33
34		3		34.0						100			33.37m: JT, 10°, FE, SN, VR 33.5m: Inferred drilling break 34.06m: Inferred drilling break 34.31m: JT, 10°, FE, SN, VR 34.40m: JT, 10°, FE, SN, VR	34
35				35.0		End Of Hole @ 35.10m							35.1m: Inferred drilling break	35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

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Job No. **3218759**

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-5 31.45 - 35.1m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-6**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 1 OF 3**	
Position :	405868.0 E, 5431281.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** Drillmac 500 explorer	**Checked :** ASH
Date Started :	6 Jul 18	**Date Completed :** 6 Jul 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0				0.0		GRANITE, mottled pale pink, orange-brown, cream, grey, white, coarse grained up to 15mm	XW - HW	VL-M					0.0 - 30.0m: Drilled using hammer drill bit. No core recovered. Descriptions based on rock cuttings. Hammer used at clients request through weathered material.	0
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5			▽	5.0										5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

Core Recovery (%): 20 80 — Defect Spacing (mm): 20 40 100 300 1000

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-6

SHEET 2 OF 3

Position : 405868.0 E, 5431281.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH

Date Started : 6 Jul 18 | Date Completed : 6 Jul 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11				11.0		GRANITE, mottled pale pink, orange-brown, cream, grey, white, coarse grained up to 15mm	XW - HW	VL-M					0.0 - 30.0m: Drilled using hammer drill bit. No core recovered. Descriptions based on rock cuttings. Hammer used at clients request through weathered material.	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
17				17.0										17
18				18.0										18
19				19.0										19
20				20.0										20

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-6

SHEET 3 OF 3

Position : 405868.0 E, 5431281.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH

Date Started : 6 Jul 18 | Date Completed : 6 Jul 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21				21.0		GRANITE, mottled pale pink, orange-brown, cream, grey, white, coarse grained up to 15mm	XW - HW	VL-M					0.0 - 30.0m: Drilled using hammer drill bit. No core recovered. Descriptions based on rock cuttings. Hammer used at clients request through weathered material.	21
22				22.0										22
23				23.0										23
24				24.0										24
25				25.0										25
26				26.0										26
27				27.0										27
28				28.0										28
29				29.0										29
30				30.0		End Of Hole @ 30.0m								30

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-6a

SHEET 1 OF 2

Position : 405915.0 E, 5431272.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : Drillmac 500 explorer | Checked : ASH
Date Started : 6 Jul 18 | Date Completed : 11 Jul 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0		1				CORE LOSS (470mm)								0
						GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	FR	VH		100			0.47 - 1.43m: Inferred drilling breaks	
1		2		1.0		CORE LOSS (310mm)				0				1
		3				GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm, minor FE staining	FR -SW	VH		100				
		4				FE staining throughout	SW			78			1.56m: JT, 45°, UN, FE, SN, RF 1.63m: JT, 45°, UN, FE, SN, RF 1.74m: Inferred drilling break 1.86m: JT, 45°, UN, FE, SN, RF 1.91m: JT, 20°, UN, FE, SN, RF	
2				2.0			FR -SW							2
		5	▽							100			2.2 - 3.03m: Inferred drilling breaks	
		6								100				
				3.0		CORE LOSS (250mm)				0				
3		7				GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm, minor FE staining	FR	VH		100			3.52m: JT, 20°, PLN, FE, SN, RF	3
				4.0		CORE LOSS (280mm)				0			3.83 - 5.63m: Inferred drilling breaks	
4		8				GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 15mm	FR	VH		100				4
		9												
	HQ Coring	10		5.0										
5														5
		11				minor red-brown staining around black (biotite) crystals	FR -SW			100				
										91			5.76m: JT, 25°, UN, FE, SN, RF 5.88m: JT, 5°, UN, FE, SN, RF 5.94m: JT, 50°, PLN, FE, SN, RF	
6		12		6.0									6.13m: JT, 50°, PLN, FE, SN, RF	6
										100				
													6.63m: JT, 75°, UN, FE, SN, RF	
		13		7.0									7.05 - 8.23m: Inferred drilling breaks	
7														7
						cream coloured mineral (plagiolcase) becoming yellowish	SW							
		14		8.0						100				
8														8
		15				minor FE staining throughout	FR			100				
							FR -SW							
				9.0									8.86m: JT, 50°, UN, FE, SN, RF	
9													9.13m: Inferred drilling break	9
		16				increased FE staining				100			9.33m: Inferred drilling break	
				10.0									9.8m: Inferred drilling break 9.9m: JT, 75°, UN, FE, SN, RF	
10														10

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-6a**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 2**	
Position :	405915.0 E, 5431272.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** Drillmac 500 explorer	**Checked :** ASH
Date Started :	6 Jul 18	**Date Completed :** 11 Jul 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	16			11.0		minor FE staining, loss of yellowish colouring within plagioclase minerals				100			10.0 - 10.72m: Inferred drilling breaks	11
		17												11.08m: JT, 20°, UN, FE, SN, RF 11.25m: JT, 30°, UN, FE, SN, RF	
		18						FR			100			11.43 - 12.43m: Inferred drilling breaks	
12					12.0										12
		19									100				
		20									100				
		21			13.0			FR -SW			97			12.74m: JT, 30°, UN, FE, SN, RF 12.85m: JT, 70°, HEALED 12.95m: JT, 50°, UN, FE, SN, RF	
13							cream coloured mineral (plagiolcase) becoming yellowish	SW						13.28m: Inferred drilling break 13.4m: Inferred drilling break	13
14		22			14.0						100			13.8m: JT, 70°, PLN, FE, SN, RF 13.83m: JT, 70°, PLN, FE, SN, RF 14.1m: JT, 70°, PLN, FE, SN, RF 14.17m: Inferred drilling break	14
							FE staining throughout, loss of yellowish colouring within plagioclase crystals	FR -SW						14.5: Inferred drilling break 14.68m: JT, 10-40°, IR, CN, RF 14.73m: Inferred drilling break	
15		23			15.0						100			14.93m: 15°, UN, FE, SN, RF 15.18m: Inferred drilling break 15.43m: JT, 40°, UN, FE, SN, RF	15
		24			16.0						100			15.84m: Inferred drilling break 15.87m: Inferred drilling break 16.07m: JT, 65°, PLN, CN, RF	
16		25									100			16.27m: Inferred drilling break	16
											100			16.48m: Inferred drilling break	
							End Of Hole @ 16.72m							16.72m: Inferred drilling break	
17					17.0										17
18					18.0										18
19					19.0										19
20					20.0										20

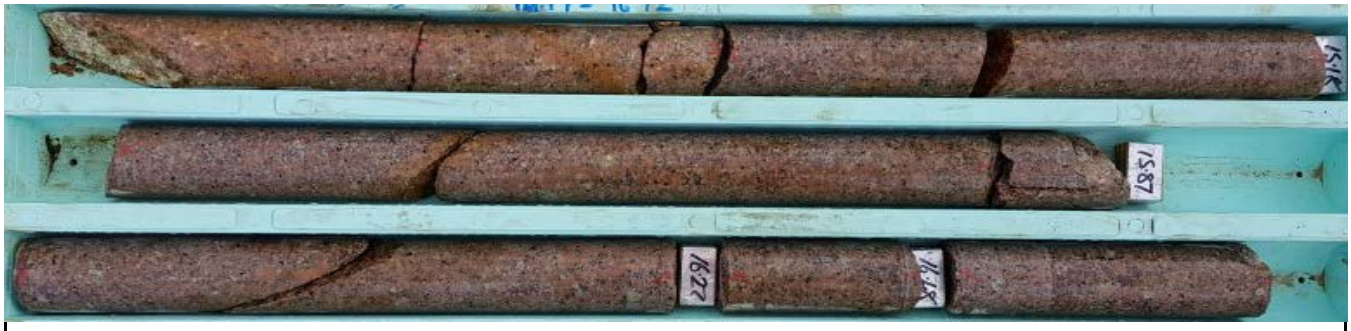
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Job No. 3218759



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-6a 0 - 14.7m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-6a 0 - 16.72m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-6a	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-7**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 1 OF 4**	
Position :	405378.0 E, 5428321.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	23 Aug 18	**Date Completed :** 24 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	PCD			0.0		GRANITE, mottled pale pink, cream, white, grey, coarse grained up to 10mm	XW - HW	M-VL					0.0 - 11.75m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	0
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

Core Recovery (%): 20 80
Defect Spacing (mm): 20 40 100 300 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-7**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 4**	
Position :	405378.0 E, 5428321.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	23 Aug 18	**Date Completed :** 24 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
11	PCD				11.0									0.0 - 11.75m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	11
12	HQ Coring	1			12.0		pale pink, grey, cream, spotted black, red-brown staining around black (biotite) crystals	SW	VH		100			11.84m: JT, 10°, UN, FE, SN, RF 11.94m: JT, 80°, UN, FE, SN, RF, DIS 12.0m: JT, 10°, IR, FE, SN, RF 12.21m: JT, 5°, IR, FE, SN, RF 12.37m: JT, 5°, IR, FE, SN, RF	12
13		2			13.0						100			12.62m: JT, 80°, CU, HEALED 12.68m: Inferred drilling break 12.9m: Inferred drilling break 13.27m: JT, 5°, UN, FE, SN, RF	13
14		3			14.0		CORE LOSS (300mm)				100			13.63m: Inferred drilling break 13.9m: Inferred drilling break 14.5m: Inferred drilling break 14.6m: JT, 10°, UN, FE, SN, RF	14
15		4			15.0		GRANITE, pink, cream, grey, spotted black, coarse grained up to 10mm, minor red-brown staining around biotite crystals	SW	VH		100			15.4 - 16.5m: Inferred drilling breaks	15
16		5			16.0		FE staining increasing				100				16
17		6			17.0		reduction of FE staining	FR			100			16.75m: JT, 75°, UN, FE, SN, RF 16.85m: Inferred drilling break 16.9m: Inferred drilling break 17.15m: JT, 45°, PLN, FE, SN, RF	17
18		7			18.0		CORE LOSS (200mm) GRANITE, pink, cream, grey, spotted black, coarse grained up to 10mm	FR	VH		94			17.76m: Inferred drilling break	18
19		8			19.0									18.69m: Inferred drilling break 19.25m: JT, 35°, PLN, FE, SN, RF 19.36m: JT, 5°, UN, FE, SN, RF 19.4m: JT, 5°, UN, FE, SN, RF 19.44m: JT, 10°, UN, FE, SN, RF 19.65m: Inferred drilling break	19
20					20.0						100			19.9m: Inferred drilling break	20

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-7

SHEET 3 OF 4

Position : 405378.0 E, 5428321.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN
Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH
Date Started : 23 Aug 18 | Date Completed : 24 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	8		21.0									20.42m: JT, 10°, UN, FE, SN, RF 20.56m: Inferred drilling break 20.82m: Inferred drilling break	21
		9				red-brown staining around black (biotite) crystals	FR -SW			100			21.4m: Inferred drilling break	
22				22.0									21.83m: JT, 5°, UN, CN, RF 22.34m: Inferred drilling break 22.62m: JT, 70°, CU, CN, RF 22.83m: JT, 45°, UN, FE, SN, RF	22
23		10		23.0						100			23.23m: Inferred drilling break	23
24				24.0									23.78m: JT, 40°, UN, CN, RF 23.97 - 24.3m: Inferred drilling breaks	24
						no staining around black (biotite) crystals	FR			100				
25		11		25.0									24.92m: JT, 45°, UN, CN, RF	25
26				26.0						100			25.9m: Inferred drilling break	26
						red-brown staining around black (biotite) crystals	FR -SW						26.85m: Inferred drilling break	
27				27.0										27
		12				increase in FE staining (27.4-28.0m)				100			27.4m: Inferred drilling break 27.73m: JT, 60°, PLN, FE, SN, RF	
28				28.0									27.9 - 28.9m: Inferred drilling breaks	28
29		13		29.0						100			29.16m: JT, 10°, UN, FE, SN, RF 29.52 - 31.9m: Inferred drilling breaks	29
30				30.0										30

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-7

SHEET 4 OF 4

Position : 405378.0 E, 5428321.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 23 Aug 18 | Date Completed : 24 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	13		31.0	× × ×					100				31
		14												
32				32.0		End OF Hole @ 31.9m								32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

Core Recovery (%): 20 80

Defect Spacing (mm): 20 40 100 300 1000

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-7 11.75 - 26.85m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-7 26.85 - 31.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-7	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-8

SHEET 1 OF 4

Position : 406917.0 E, 5431162.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 7 Aug 18 | Date Completed : 8 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	PCD		▽	1.0		GRANITE, mottled white, grey, cream, coarse grained up to 15mm, felpspar crystals have weathered to clay	XW	EL-VL					0.0 - 16.3m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0		feldspar crystals no longer weatherd to clay	HW	VL-L						5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-8**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 4**	
Position :	406917.0 E, 5431162.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	7 Aug 18	**Date Completed :** 8 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD			11.0		becoming mottled pink, cream, grey, spotted black	MW	M-H					10.0m: Driller noted water becoming clearer	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0										15
16				16.0										16
16.4	HQ Coring	1				mottled pink, cream, grey, spotted black, medium grained up to 2mm, red-brown staining around black (biotite) crystals	FR -SW	VH		100				
						becoming coarse grained, up to 20mm								
17				17.0		CORE LOSS (300mm)								17
						GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm	FR -SW	VH		100			17.51m: Inferred drilling break	
18				18.0									17.8m: JT, 80°, UN, FE, SN, VR 17.85m: JT, 85°, UN, FE, SN, VR, partially healed	18
		2								100			18.2m: JT, 20°, UN, FE, SN, VR 18.4m: Inferred drilling break 18.6m: JT, 20°, PLN, FE, SN, VR	
19				19.0									18.88m: JT, 20°, PLN, FE, SN, VR	19
													19.36m: Inferred drilling break 19.58m: JT, 55°, PLN, FE, SN, VR	
20		3		20.0						100			19.8m: Inferred drilling break	20

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-8**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 4
Position :	406917.0 E, 5431162.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	7 Aug 18	**Date Completed :** 8 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
21	HQ Coring	3			21.0		CORE LOSS (3600mm)				0			19.95m: JT, 85°, PLN, CN, VR 20.3m: Rock becoming XW-HW, coming out of hole as gravel, feldspars weathered to clay
22		4			22.0									
23		5			23.0									
24		6			24.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, red-brown staining around black (biotite) crystals	FR -SW	VH		100			23.9 - 26.3m: Inferred drilling breaks
25		7			25.0						100			
26		8			26.0						100			26.6m: JT, 5°, IR, CN, VR
27		9			27.0		heavy FE staining (27.5 - 27.9m)				100			27.3m: Inferred drilling break 27.5m: Inferred drilling break 27.9m: JT, 60°, PLN, FE, SN, VR 28.2m: Inferred drilling break 28.65m: JT, 40°, UN, FE, SN, RF 28.92m: JT, 45°, UN, CN, VR 29.08m: JT, 45°, UN, FE, SN, VR 29.22m: Inferred drilling break
28					28.0									
29		10			29.0		CORE LOSS (200mm)				0			
30					30.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 25mm	FR -SW	VH		100			

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-8**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	4 OF 4
Position :	406917.0 E, 5431162.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	
Date Started :	7 Aug 18	**Date Completed :** 8 Aug 18	**Logged by :** JRN

Processed : JRN
Checked : ASH
Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
		10			× × × × × ×								30.08m: Inferred drilling break	
						End Of Hole @ 30.5m							30.5m: Inferred drilling break	
31				31.0										31
32				32.0										32
33				33.0										33
34				34.0										34
35				35.0										35
36				36.0										36
37				37.0										37
38				38.0										38
39				39.0										39
40				40.0										40

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20 – 40 – 100 – 300 – 1000

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-8 16.3 - 30.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-8	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-9

SHEET 1 OF 4

Position : 406970.0 E, 5432323.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 8 Aug 18 | Date Completed : 9 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1		1.0		CORE LOSS (3500mm)				0				1
2				2.0						0				2
3		2		3.0										3
4		3		4.0		GRANITE, grey, spotted cream, black, fine to medium grained, up to 2mm, porphyritic, phenocrysts up to 8mm,	SW / FR	VH		100				4
5				5.0		mottled pink, cream-green, grey, spotted black, coarse grained, up to 20mm							3.97 - 6.65m: Inferred drilling breaks	5
6		4		6.0		CORE LOSS (800mm)								6
7		5	▽	7.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, feldspar crystals weathered to clay in some areas	HW	L-M		100			6.67m: JT, 30°, UN, CN, VR	7
							FW -SW	VH					6.97m: Inferred drilling break	
							HW	L-M						
8		6		8.0		CORE LOSS (550mm)							7.48m: JT, 60°, PLN, FE, SN, VR	8
9				9.0		GRANITE, mottled pink, cream, grey, spotted black, coarse grained up to 20mm, feldspar crystals weathered to clay in some areas	HW			100				9
10				10.0		CORE LOSS (5400mm)				0				10

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-9**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET 2 OF 4**	
Position :	406970.0 E, 5432323.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	8 Aug 18	**Date Completed :** 9 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** (ROCK TYPE, colour, grain size, structure) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: HQ Coring

Runs: 6, 7, 8, 9, 10, 11

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

Depth (m)	Description	Weathering	Estimated Strength	RQD (%)	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11.0					
12.0					
13.0					
13.55	GRANITE, mottled pale pink, cream, grey, spotted black, coarse grained up to 20mm	HW	L-M		13.55 - 14.1m: Inferred drilling breaks 13.72 - 14.1m: Inferred drilling breaks
14.0		MW	H	100	14.15m: JT, 70°, UN, FE, SN, VR 14.35m: Inferred drilling break 14.5m: JT, 50°, UN, FE, SN, VR 14.59m: Inferred drilling break
15.0					14.95m: JT, 80°, UN, CN, VR
15.4	becoming more pink in colour	SW	VH		
15.5	patches of FE staining throughout, red-brown staining around black (biotite) crystals			100	15.5m: Inferred drilling break 15.6m: Inferred drilling break 15.65m: JT, 40°, UN, FE, SN, RF 15.87m: Inferred drilling break
16.0					16.22m: Inferred drilling break 16.33m: Inferred drilling break 16.4m: JT, 15°, UN, FE, SN, RF 16.67m: Inferred drilling break 16.72m: Inferred drilling break
17.0				100	17.0 - 17.1m: Inferred drilling breaks 17.39m: Inferred drilling break
18.0					17.79m: JT, 10°, UN, FE, SN, VR 17.91m: JT, 30°, UN, FE, SN, RF 18.17m: JT, 70°, IR, FE, SN, VR
19.0				100	18.6m: Inferred drilling break 18.73m: JT, 15°, UN, FE, SN, RF 18.77 - 19.18m: Inferred drilling breaks 19.23m: JT, 45°, UN, FE, SN, VR 19.43m: JT, 45°, PLN, FE, SN, VR
20.0					19.67 - 20.1m: Inferred drilling breaks

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-9**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 4
Position :	406970.0 E, 5432323.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** ASH
Date Started :	8 Aug 18	**Date Completed :** 9 Aug 18	**Logged by :** JRN	**Date :** 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	12		21.0		cream (plagioclase) crystals becoming slightly green in some areas	FR			96			20.44m: JT, 10°, UN, FE, SN, RF 20.5m: JT, 25°, UN, FE, SN, RF 20.8m: Inferred drilling break 20.93m: Inferred drilling break 21.11m: JT, 20°, PLN, FE, SN, RF	21
22		13		22.0						100			21.6m: Inferred drilling break 22.55m: Inferred drilling break	22
23		14		23.0			SW	VH-H		99			22.91m: JT, 45°, PLN, FE, SN, RF 23.0m: JT, 35°, UN, FE, SN, RF 23.02m: JT, 45°, UN, FE, SN, RF 23.21m: JT, 30°, UN, FE, SN, VR 23.32m: JT, 10°, UN, FE, SN, VR 23.48m: Inferred drilling break 23.67m: JT, 20°, UN, FE, SN, VR	23
24				24.0		cream (plagioclase) crystals becoming less green	MW						24.01m: JT, 50°, PLN, FE, SN, VR 24.2m: JT, 75°, UN, CLAY/ROCK INFILL, RF, 10mm 24.5m: Inferred drilling break 24.6m: Inferred drilling break	24
25		15		25.0		cream (plagioclase) crystals becoming green in colour	SW FR	VH		100			25.16m: Inferred drilling break	25
26		16		26.0						10			25.9m: JT, 20°, UN, FE, SN, VR 26.1 - 28.1m: Inferred drilling breaks	26
27				27.0						91				27
28		17		28.0									28.48m: JT, 5°, UN, CN, VR 28.54m: JT, 75°, UN, CN, VR	28
29		18		29.0						100			28.95m: JT, 85°, UN, CLAY/ROCK INFILL, RF, 10mm 29.1m: Inferred drilling break	29
30				30.0										30

Core Recovery (%): 20 – 80. Defect Spacing (mm): 20, 40, 100, 300, 1000.

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-9

SHEET 4 OF 4

Position : 406970.0 E, 5432323.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 8 Aug 18 | Date Completed : 9 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
				31.0		End Of Hole @ 30.1m								
31				32.0										31
32				33.0										32
33				34.0										33
34				35.0										34
35				36.0										35
36				37.0										36
37				38.0										37
38				39.0										38
39				40.0										39
40														40

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-9 3.5 - 24.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-9 24.5 - 30.1m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-9	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES

Project : GRANITE QUARRY EXPLORATION

Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-10

SHEET 1 OF 3

Position : 406425.0 E, 5431516.0 N MGA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : ASH

Date Started : 9 Aug 18 | Date Completed : 13 Aug 18 | Logged by : JRN | Date : 26 Sep 18

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
0	PCD		▽	0.0	× × ×	GRANITE, mottled grey, white, brown, cream, coarse grained up to 15mm	HW -XW	L-VL	20 80		20 40 100 300 1000		0.0 - 15.0m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	0
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0										6
7				7.0										7
8				8.0										8
9				9.0										9
10				10.0										10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-10

SHEET 2 OF 3

Position : 406425.0 E, 5431516.0 N MGA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor : Spaulding Drillers	Rig Type : G&K850		Checked : ASH
Date Started : 9 Aug 18	Date Completed : 13 Aug 18	Logged by : JRN	Date : 26 Sep 18

DRILLING				MATERIAL								ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	PCD			11.0									0.0 - 15.0m: Drilled using PCD drill bit. No core recovered. Descriptions based on rock cuttings. PCD used at clients request through weathered material.	11
12				12.0										12
13				13.0										13
14				14.0										14
15				15.0		mottled pink, grey, cream, spotted black	FR / SW -MW	VH		100			15.0m: Inferred drilling break 15.13m: JT, 50°, UN, FE, SN, VR	15
16	HQ Coring	1		16.0		CORE LOSS (900mm)								16
17		2		17.0		GRANITE, mottled pink, grey, cream, spotted black, coarse grained up to 15mm	FR	VH		97			16.55m: Inferred drilling break 16.8m: Inferred drilling break 16.9m: JT, 5°, UN, FE, SN, VR 19.92m: JT, 10°, UN, FE, SN, VR 17.0m: Inferred drilling break 17.22m: JT, 60°, UN, FE, SN, VR	17
18				18.0		pegmatic texture, crystals up to 30mm, no spotted black (biotite) CORE LOSS (500mm)				100			17.49 - 19.55m: Inferred drilling breaks	18
19		3		19.0		GRANITE, mottled pink, grey, cream, spotted black, coarse grained up to 15mm, high concentration of biotite fine to medium grained up to 2mm, reduced spotted black (biotite) coarse grained up to 15mm, high concentration of biotite mottled pink, grey, cream, spotted black	FR	VH		100			19.57m: JT. 20°, UN, FE, SN, RF	19
20				20.0										20

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-10**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	3 OF 3
Position :	406425.0 E, 5431516.0 N MGA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	
Date Started :	9 Aug 18	**Date Completed :** 13 Aug 18	**Logged by :** JRN

Processed : JRN
Checked : ASH
Date : 26 Sep 18

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
21	HQ Coring	4			21.0						100			20.0 - 22.02m: Inferred drilling breaks	21
22		5			22.0						95			22.46m: JT, 0°, UN, FE, SN, VR 22.53m: JT, 20°, UN, FE, SN, RF 22.73m: Inferred drilling break	22
23					23.0		End Of Hole @ 23m							22.98m: Inferred drilling break 23.0m: Hole abandoned due to sheared threads on drill pipe.	23
24					24.0										24
25					25.0										25
26					26.0										26
27					27.0										27
28					28.0										28
29					29.0										29
30					30.0										30

Core Recovery (%): 20 – 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 27/9/18



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-10 15.0 - 23.0m	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					



Prepared By: JRN	Date: 04-Sep-18	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-10	Client: Livingstone Resources
					Project: Granite Quarry Exploration
Revision: A	Date: 04-Sep-18	Cad Reference:			Figure No:
This drawing should be read in conjunction with report number 61\xxxxx\yyy					

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-11**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - UPPER NATONE RD	**SHEET 1 OF 2**	
Position :	401671.0 E, 5432323.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	29 Mar 19	**Date Completed :** 29 Mar 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1	HQ Coring	1			1.0		CORE LOSS (1600mm)								1
							BASALT, dark grey, fine to medium grained, Fe staining on joints	FR-SW	VH		50			1.86m: JT, 0°, UN, FE, SN, RF	
2		2			2.0						0			2.0m: JT, 5°, UN, CN, RF 2.04m: JT, 45°, UN, FE, INFILL, 10mm, RF 2.22m: JT, 80°, UN, FE, SN, RF 2.36m: JT, 5°, UN, FE, SN, RF 2.4m: JT, 5°, UN, FE, SN, RF 2.47m: JT, 5 248, UN, FE, INFILL, 5mm, RF 2.55m: JT, 15°, UN, FE, INFILL, 5mm, RF 2.57m: JT, 15°, UN, FE, INFILL, 2mm, RF	2
3		3			3.0						68			2.64m: JT, 10°, UN, FE, SN, RF 2.73m: JT, 10°, UN, FE, VE, RF 2.78m: JT, 20°, UN, FE, INFILL, 8mm, RF 2.84m: JT, 20°, UN, FE, SN, RF 2.87m: JT, 10°, UN, FE, INFILL, 2mm, RF 3.25m: JT, 60°, UN, FE, INFILL, 5mm, RF 3.28m: JT, 20°, UN, FE, SN, RF 3.36m: JT, 35°, IR, FE, SN, RF 3.64m: JT, 15°, UN, FE, INFILL, 3mm, RF 3.74m: 55°, UN, FE, SN, RF	3
4		4			4.0						30			3.79m: JT, 5°, UN, FE, INFILL, 2mm, RF 3.82m: JT, 5°, UN, FE, SN, RF 3.93m: JT, 20°, PLN, FE, VE, RF 3.99m: JT, 15°, FE, VE, RF	4
5		5			5.0						0			4.42m: JT, 5°, UN, FE, SN, RF, DIS 4.58m: JT, 15°, UN, FE, SN, RF, DIS 4.65m: JT, 85-90°, UN, FE, VE, RF, DIS 4.72m: JT, 40°, PLN, FE, SN, RF, DIS 4.76m: JT, 5°, PLN, FE, SN, RF, DIS 4.84m: JT, 40°, PLN, FE, SN, RF, DIS 4.9m: JT, 50°, PLN, FE, SN, RF 5.03m: JT, 10°, UN, FE, INFILL, 10mm, RF 5.08m: JT, 45°, UN, FE, INFILL, 2mm, RF 5.1m: JT, 35°, PLN, FE, INFILL, 2mm, RF	5
		6					CORE LOSS (700mm)								
6		6			6.0		Basalt, orange brown, grey, fine to medium grained, FE staining on joints	SW	VH		20			5.83m: JT, 45°, PLN, FE, SN, RF 5.85m: JT, 5°, PLN, FE, SN, RF 5.89m: JT, 5°, UN, FE, SN, RF 5.93-5.97m: JT, 5°, ROCK, INFILL, 40mm, fine to coarse sand and fine to coarse gravel sized fragments	6
								FR-SW			0				
		7					orange-brown	XW-HW	L-M					6.02m: JT, 10°, UN, FE, SN, RF 6.09m: JT, 45°, UN, FE, VE, RF 6.13m: JT, 15°, UN, FE, VE, RF 6.18m: JT, 5°, UN, FE, VE, RF 6.21m: JT, 5°, UN, FE, VE, RF 6.29m: JT, 5°, UN, FE, SN, RF 6.34m: JT, 35°, UN, FE, SN, RF 6.95m: JT, 80°, CU, FE, SN, RF 7.16m: JT, 25°, UN, FE, VE, RF 7.25m: JT, 5°, UN, FE, VE, RF 7.29m: JT, 10°, UN, FE, VE, RF 7.4m: JT, 10°, PLN, FE, SN, RF 7.56m: JT, 10°, UN, FE, SN, RF 7.73m: JT, 75°, UN, FE, INFILL, 10mm, RF 7.88m: JT, 5°, FE, UN, SN, RF 7.9m: JT, 80°, CU, FE, INFILL, 10mm, RF 8.04m: JT, 10°, FE, UN, SN, RF 8.07m: JT, 55°, UN, FE, SN, RF 8.12m: JT, 20°, UN, FE, SN, RF 8.16m: JT, 40°, UN, FE, SN, RF 8.2-8.35m: Too disturbed to log defects 8.4m: JT, 60°, UN, FE, SN, RF 8.41m: JT, 10°, UN, FE, SN, RF 8.49m: JT, 15°, UN, FE, SN, RF 8.54m: JT, 80°, CU, FE, SN, RF 8.56m: JT, 10°, UN, FE, SN, RF, DIS 8.61m: JT, 5°, UN, FE, SN, RF 8.65m: JT, 55°, UN, FE, SN, RF 8.83m: JT, 5°, UN, FE, SN, RF 9.02m: JT, 20°, PLN, FE, SN, RF 9.05m: JT, 10°, UN, FE, SN, RF 9.08m: JT, 60°, UN, FE, SN, RF 9.2m: JT, 5°, UN, FE, SN, RF	7
					7.0		orange-brown, pale grey	HW	M						
		8					dark grey	FR-SW	VH		20				
8					8.0										8
		9					orange-brown, pale grey	HW-MW	L-M		16				
							dark grey	SW	VH						
							healed joints throughout (8.68 - 9.0m)								
9					9.0		orange-brown, pale grey	HW-MW	L-M		0				9
		10					orange-brown	XW-HW	VL-L						
10					10.0										10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 24/5/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-11**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - UPPER NATONE RD	**SHEET**	2 OF 2
Position :	401671.0 E, 5432323.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	
Date Started :	29 Mar 19	**Date Completed :** 29 Mar 19	**Logged by :** JRN

Processed : JRN
Checked : DR
Date : 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log

Description — ROCK TYPE, colour, grain size, structure

Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests

Joints, partings, seams, zones and veins

Fracture type, orientation, infilling or coating, shape, roughness, other

Insitu test results

SCALE (m)

Method: HQ Coring

Run: 10, 11, 12

Water

Depth (m) / RL (m):
11.0
12.0
13.0
14.0
15.0
16.0
17.0
18.0
19.0
20.0

Graphic Log

Description

grey-black, becoming vesicular, aphanitic, amygdales

dark grey, fine to medium grained, less vesicular, minor calcite veining

End of Hole @ 13.0m

Weathering: HW | HW-MW | MW | FR-SW

Estimated Strength: L-M | M-H | H | VH

Core Recovery (%): 20 — 80

RQD (%): 47 | 37

Defect Spacing (mm): 20 | 40 | 100 | 300 | 1000

Samples & Tests

Joints, partings, seams, zones and veins

Fracture type, orientation, infilling or coating, shape, roughness, other

Insitu test results

9.27m: JT, 10°, UN, FE, SN, RF
9.31m: JT, 5°, UN, FE, SN, RF
9.36m: JT, 10°, UN, FE, SN, RF
9.4m: JT, 5°, UN, FE, SN, RF
9.45m: JT, 5°, UN, FE, SN, RF
9.46m: JT, 85°, UN, FE, SN, RF
9.52m: JT, 20°, UN, FE, SN, RF
9.95m: JT, 85°, UN, FE, SN, RF
10.05m: JT, 25°, UN, FE, SN, RF
10.1m: JT, 60°, UN, FE, SN, RF
10.32m: JT, 15°, UN, CN, RF
10.36m: JT, 10°, UN, CN, RF
10.4m: JT, 5°, UN, CN, RF
10.53m: JT, 45°, UN, CN, RF
10.6m: JT, 10°, IR, CN, RF
10.81m: JT, 5°, UN, CN, RF
11.14m: JT, 0°, UN, CN, RF
11.21m: JT, 25°, UN, CN, RF
11.27m: JT, 80°, CU, CN, RF
11.37m: JT, 10°, UN, CN, RF
11.48m: JT, 25°, UN, CN, RF
11.5m: JT, 5°, UN, CN, RF
11.68m: JT, 75°, UN, FE, SN, RF
11.77m: JT, 15°, UN, CN, RF
11.86m: JT, 5°, UN, CN, RF
11.88m: JT, 5°, UN, CN, RF
11.93m: JT, 10°, UN, CN, RF
12.0-12.09m: JT, x5, 5°, UN, FE, SN, RF
12.1m: JT, 10°, UN, FE, SN, RF
12.17m: JT, 5°, UN, FE, SN, RF
12.21m: JT, 5°, UN, FE, SN, RF
12.39m: JT, 10°, UN, FE, SN, RF
12.45m: JT, 10°, UN, FE, SN, RF
12.54m: JT, 5°, UN, FE, SN, RF
12.61m: JT, 5°, UN, FE, SN, RF
12.65m: JT, 10°, UN, FE, SN, RF
12.67m: JT, 75°, UN, CA, VE, RF
12.68m: JT, 10°, UN, FE, SN, RF
12.78m: JT, 5°, UN, CA, VE, RF

SCALE (m)

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-11 1.6-13.0m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-11	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

SOIL LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-12**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD		SHEET 1 OF 1
Position :	406539.0 E, 5431628.0 N GDA94	Surface RL : NR	Inclination\Bearing : -90 \ 000	Processed : JRN
Contractor :	Spaulding Drillers	Rig Type : G&K850	Checked : DR
Date Started :	3 Apr 19	Date Completed : 11 Apr 19	Logged by : JRN	Date : 18/10/21

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water	RL (m) / Depth (m)	Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
1	PCD				1.0		NOT LOGGED						1
2					2.0								2
3					3.0								3
4					4.0								4
5					5.0								5
6					6.0								6
7					7.0		Start of coring at 6.7 metres. See Core Log Sheet for cored interval.						7
8					8.0								8
9					9.0								9
10					10.0								10

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
3218759

GEO SOIL BOREHOLE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 11/6/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-12

SHEET OF

Position : 406539.0 E, 5431628.0 N GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 3 Apr 19 | Date Completed : 11 Apr 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
1				1.0										1
2				2.0										2
3				3.0										3
4				4.0										4
5				5.0										5
6				6.0		Start of coring at 6.7 metres. See Soil Log Sheet for soil interval.								6
7	HQ Coring	1		7.0	× × ×	GRANITE, mottled pink, grey, yellow-cream, spotted black, coarse grained up to 12mm	SW-FR	VH		100			7.5-7.6m: recovered as gravel	7
8				8.0		CORE LOSS (1000mm)				0				8
		2								0				
9				9.0	× × ×	GRANITE, mottled pink, grey, cream-white, spotted black, coarse grained up to 12mm, FE staining, lineations @ 20°	MW	H-M		62			8.6-8.7m: recovered as gravel 8.7-8.88m: JT, x 4, 20°, UN, FE, SN, RF 8.93m: JT, 45°, UN, FE, SN, RF 9.08m: JT, 45°, UN, FE, SN, RF 9.17m: JT, 20°, UN, FE, SN, VR	9
10				10.0			SW	VH						10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 11/6/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-12**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	**OF**
Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	3 Apr 19	**Date Completed :** 11 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11	HQ Coring	2			11.0		plagioclase becoming green-cream, no FE staining	SW-FR			82			
							FE staining along lineations, plagioclase becoming cream	MW-SW	VH-H					10.73m: JT, 20°, UN, FE, SN, VR 10.89m: JT, 20°, UN, FE, SN, VR 11.05m: JT, 15°, UN, FE, SN, VR 11.12m: JT, 5°, UN, FE, SN, VR 11.16m: JT, 5°, UN, FE, SN, VR 11.27m: JT, 10°, UN, FE, SN, VR 11.34m: JT, 5°, UN, FE, SN, VR 11.57m: JT, 5°, UN, FE, SN, VR
12		3			12.0									12.2m: JT, 10°, UN, FE, SN, VR
							no lineations or FE staining, plagioclase becoming green-cream	SW-FR	VH		99			
							FE staining, plagioclase becoming ornage-cream	SW-MW						12.76m: JT, 15°, UN, FE, SN, VR
13					13.0									13.02m: JT, 30°, UN, FE, SN, VR 13.24m: JT, 30°, UN, FE, SN, VR 13.42m: JT 20°, UN, FE, SN, VR
		4												13.74m: JT, 20°, UN, FE, SN, VR
14					14.0									14.36m: JT, 10°, UN, FE, SN, VR
														14.76m: JT, 10°, UN, FE, SN, VR
15					15.0									15.18m: JT, 15°, UN, FE, SN, VR 15.22m: JT, 15°, UN, FE, SN, VR 15.3m: JT, 10°, UN, FE, SN, VR
											98			15.45m: JT, 15°, UN, FE, SN, VR
16					16.0									15.97m: JT, 10°, UN, FE, SN, VR 16.02m: JT, 10°, UN, FE, SN, VR 16.22m: JT, 25°, UN, FE, SN, VR
							no FE staining, plagioclase becoming cream-white	FR						16.38m: JT, 30°, UN, FE, SN, VR 16.48m: JT, 5°, UN, FE, SN, VR
17		5			17.0									
18					18.0									
							lineations @ 35°, FE staining, plagioclase becoming orange-cream	SW-MW			100			18.55m: JT, 35°, UN, FE, SN, VR 18.73m: JT, 25°, UN, FE, SN, VR
19		6			19.0		reduction in lineations, reduced FE staining	SW						18.88m: JT, 20°, UN, FE, SN, VR 18.97m: JT, 20°, UN, FE, SN, VR 19.24m: JT, 30°, UN, FE, SN, VR
20					20.0									

Core Recovery (%): 20, 80. Defect Spacing (mm): 20, 40, 100, 300, 1000.

See standard sheets for details of abbreviations & basis of descriptions

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Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	**OF**
Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
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SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
21	HQ Coring	6			21.0		increase in FE staining	SW-MW						20.08m: JT, 20°, UN, FE, SN, VR 20.24m: JT, 20°, UN, FE, SN, VR 20.96m: JT, 75°, UN, FE, SN, VR	21
								SW			96			21.3m: JT, 75°, UN, FE, SN, VR 21.35-21.45m: recovered as gravel 21.6m: JT, 80°, UN, FE, SN, VR	
22		7			22.0									21.9m: JT, 25°, UN, FE, SN, VR 22.45m: JT, 15°, UN, FE, SN, VR 22.7m: JT, 15°, UN, FE, SN, VR	22
23					23.0									23.15m: JT, 45°, UN, FE, SN, VR 23.57m: JT, 5°, UN, FE, SN, VR	23
24		8			24.0						70			23.88m: JT, 15°, UN, FE, SN, VR 24.11m: JT, 25°, UN, FE, SN, VR 24.15m: JT, 25°, UN, FE, SN, VR 24.38m: JT, 5°, UN, FE, SN, VR 24.43m: JT, 5°, UN, FE, SN, VR 24.59m: JT, 15°, UN, FE, SN, VR 24.75m: JT, 45°, UN, FE, SN, VR	24
25					25.0									25.35m: JT, 45-90°, IR, FE, SN, VR 25.48m: JT, 20°, UN, FE, SN, VR 25.56m: JT, 20°, UN, FE, SN, VR 25.74m: JT, 10°, UN, FE, SN, VR	25
26					26.0									26.15m: JT, 10°, UN, FE, SN, VR 26.24m: JT, 10°, UN, FE, SN, VR 26.32m: JT, 15°, UN, FE, SN, VR 26.42m: JT, 15°, UN, FE, SN, RF 26.52m: JT, 15°, UN, FE, SN, VR 26.54m: JT, 15°, UN, FE, SN, VR 26.66m: JT, 15°, UN, FE, SN, VR 26.75m: JT, 15°, UN, FE, SN, VR 26.82m: JT, 20°, UN, FE, SN, VR 26.87m: JT, 25°, UN, FE, SN, VR	26
27					27.0									27.32m: JT, 30°, UN, FE, SN, VR	27
		9									81				
28					28.0		no FE staining, plagioclase is cream-white	FR							28
							FE staining on lineations @ 25°	SW						28.43m: JT, 20°, UN, FE, SN, VR	
							no FE staining of lineations	FR						28.63m: JT, 75°, UN, FE, SN, VR	
29					29.0									29.22m: JT, 20°, UN, FE, SN, VR	29
30					30.0		orthoclase becoming red-pink								30

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Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	9			31.0		orthoclase becoming pink				84			29.93m: JT, 25°, UN, FE, SN, VR 30.08m: JT, 50°, UN, FE, SN, VR 30.15m: JT, 45°, UN, FE, SN, VR 30.22m: JT, 45°, UN, FE, SN, VR 30.55m: JT, 35°, UN, FE, SN, VR	31
32		10			32.0		lineations @ 10°, plagioclase is orange-cream plagioclase is cream-white, no lineations	SW FR						30.99m: JT, 10°, UN, FE, SN, VR 31.06m: JT, 10°, UN, FE, SN, VR 31.14m: JT, 10°, UN, FE, SN, VR 31.35m: JT, 10°, UN, FE, SN, VR 31.56m: JT, 10°, UN, FE, SN, VR 31.65m: JT, 10°, UN, FE, SN, VR 31.7m: JT, 10°, UN, FE, SN, VR 31.84m: JT, 10°, UN, FE, SN, VR 31.85m: JT, 10°, UN, FE, SN, VR 31.87m: JT, 10°, UN, FE, SN, VR	32
33					33.0						96				33
34		11			34.0									34.19m: JT, 10°, UN, FE, SN, VR 34.22m: JT, 10°, UN, FE, SN, VR 34.48m: JT, 20°, UN, FE, SN, VR 34.56m: JT, 20°, UN, FE, SN, VR	34
35					35.0										35
36					36.0						88				36
37		12			37.0									27.74m: JT, 30°, UN, FE, SN, VR 37.89m: JT, 20°, UN, FE, SN, VR 38.07m: JT, 10°, UN, FE, SN, VR 38.31m: JT, 10°, UN, FE, SN, VR	37
38					38.0		lineations @ 15°, plagioclase is orange-cream	SW							38
39		13			39.0		orthoclase becoming red-pink, plagioclase is yellow-cream, weathered to clay in some areas	MW	VH-H		100			38.69m: JT, 15°, UN, FE, SN, VR 38.9-39.2m: recovered as gravel 39.2-39.4m: recovered as gravel 39.45m: JT, 50°, UN, CLAY, INFILL, 10mm	39
40					40.0		plagioclase is cream-white, orthoclase is pink, FE staining around black minerals	SW	VH					39.7m: JT, 50°, UN, FE, SN, VR 39.8m: JT, 30°, UN, FE, SN, VR	40

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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results	SCALE (m)
41	HQ Coring	13			41.0									40.17m: JT, 50°, PLN, FE, SN, VR 40.46m: JT, 25°, UN, FE, SN, VR	41
42					42.0									41.9m: JT, 15°, UN, FE. SN, VR	42
		14					no FE staining	FR			99			42.39m: JT, 10°, UN, FE, SN, VR	
43					43.0										43
44					44.0		FE staining around black minerals, lineations @ 10°	SW-FR						44.31m: JT, 10°, UN, FE, SN, RF 44.32m: JT, 10°, UN, FE, SN, VR	44
							no lineations or FE staining	FR						44.66m: JT, 10°, UN, FE, SN, VR	
45					45.0										45
		15									100				
46					46.0										46
							lineations @ 15°, FE staining around black minerals	SW-FR						46.71m: JT, 20°, UN, FE, SN, VR 46.75m: JT, 20°, UN, FE, SN, VR 46.81m: JT, 20°, UN, FE, SN, VR 46.86m: JT, 20°, UN, FE, SN, VR 46.91m: JT, 20°, UN, FE, SN, VR 47.15m: JT, 20°, UN, FE, SN, VR	
47					47.0										47
							no lineations or FE staining	FR						47.7m: JT, 20°, UN, FE, SN, VR 47.74m: JT, 20°, UN, FE, SN, VR 47.82m: JT, 5°, UN, FE, SN, VR	
48					48.0										48
		16									100				
49					49.0										49
50					50.0									49.83m: JT, 5°, UN, FE, SN, VRF	50

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

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CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-12**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	**OF**
Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	3 Apr 19	**Date Completed :** 11 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	16			51.0		porphyritic, phenocrysts up to 20mm				100				51
52		17			52.0		no longer porphyritic, coarse grained up to 20mm							52.1m: JT, 20°, UN, FE, SN, VR 52.3m: JT, 15°, UN, FE, SN, VRF	52
53					53.0										53
54					54.0						99				54
55		18			55.0		FE staining around black minerals, lineations @ 15°	FR-SW						54.93m: JT, 15°, UN, FE, SN, VRF 54.95m: JT, 15°, UN, FE, SN, VR 55.1m: JT, 40°, UN, FE, SN, VRF	55
							no FE staining, no lineations	FR							
56					56.0		FE staining around black minerals, lineations @ 15°, plagioclase is yellow-cream,	FR-SW						55.65m: JT, 5°, UN, FE, SN, VR 55.85m: JT, 15°, UN, FE, SN, VR 56.0m: JT, 20°, UN, FE, SN, VR 56.05m: JT, 20°, UN, FE, SN, VR	56
							no lineations, plagioclase is cream-white	FR						56.45m: JT, 50°, UN, FE, SN, VR	
57					57.0						75				57
58					58.0										58
59		19			59.0		finer grained up to 3mm predominantly orthoclase (58.84-59.04m) finer grained up to 2mm becoming coarse grained up to 12mm, increase in quartz crystals, non angular							59.54m: JT, 45°, UN, FE, SN, VR	59
60					60.0		motled pale pink, grey, yellow-cream	SW-MW							60

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Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	19			61.0		lineations @ 25°, FE staining around black minerals, mottled pink, grey, green-cream, spotted black	SW			95			60.2m: JT, 80°, UN, FE, SN, VR 60.23m: JT, 45°, UN, FE, SN, VR 60.35m: JT, 20°, UN, FE, SN, VRF 60.4m: JT, 20°, UN, FE, SN, VR 60.5m: JT, 20°, UN, FE, SN, VRF	61
							no lineations	SW-FR							
62		20			62.0									61.77m: JT, 25°, UN, FE, SN, VR	62
							mostly feldspar, pale pink, spotted grey								
63					63.0		medium grained up to 1mm coarse grained up to 15mm	FR						62.78m: JT, 15°, UN, CN, VR 62.94m: JT, 5°, UN, CN, VR	63
											98				
64					64.0									63.75m: JT, 40°, UN, CN, VR	64
							lineations @ 15°, (64.15-64.4m)							64.25m: JT, 15°, UN, CN, VRF 64.37m: JT, 15°, UN, CN, VR	
65		21			65.0										65
							lineations @ 20°, (64.75-64.95m)							65.7m: JT, 15°, UN, CN, VR 65.83m: JT, 15°, UN, CN, VR	
66					66.0										66
							FE staining throughout	SW-FR			81			66.37m: JT, 45°, UN, CN, VR	
67					67.0		no FE staining	FR							67
		22													
68					68.0		FE staining around black minerals	SW-FR							68
							mottled pink, grey	MW						68.45m: JT, 55°, UN, CN, VR 68.45-68.6m: recovered as gravel	
69					69.0		mottled pink, grey, cream-white, spotted black	FR			100			68.72m: JT, 75°, PLN, CLAY, INFILL, 8mm 68.83-68.9m: disturbed by handling 69.17m: JT, 10°, UN, CN, VR	69
		23													
70					70.0										70

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Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	3 Apr 19	**Date Completed :** 11 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** (ROCK TYPE, colour, grain size, structure) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: HQ Coring

Runs: 24, 25, 26, 27

Depth (m): 71.0, 72.0, 73.0, 74.0, 75.0, 76.0, 77.0, 78.0, 79.0, 80.0

Description:
- lineations @ 15°
- no lineations

Weathering: FR-SW FR

Core Recovery (%): 20 – 80

RQD (%): 75; 100; 100; 100

Defect Spacing (mm): 20, 40, 100, 300, 1000

Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results:
- 70.15m: JT, 45°, UN, FE, SN, VR
- 70.66m: JT, 15°, UN, CN, VR
- 70.72m: JT, 15°, UN, CN, VR
- 70.76m: JT, 10°, UN, CN, VR
- 70.8m: JT, 10°, UN, CN, VR
- 78.5m: JT, 75°, UN, CN, VR

SCALE (m): 71, 72, 73, 74, 75, 76, 77, 78, 79, 80

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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | RL (m) | Depth (m) | Graphic Log | **Description** ROCK TYPE, colour, grain size, structure | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results | SCALE (m)

Method: HQ Coring

Run: 27 | 28 | 29 | 30

Depth (m): 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0

Graphic Log: ×××

Description: quartz becoming pale grey (81.1-81.3m)

Core Recovery (%): 20 – 80

RQD (%): 100 | 100 | 100

Defect Spacing (mm): 20 | 40 | 100 | 300 | 1000

Insitu test results:
82.39m: JT, 15°, UN, CN, VR
82.42m: JT, 35°, UN, CN, VR
89.27m: JT, 5°, UN, FE, SN, VR

SCALE (m): 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90

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Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	3 Apr 19	**Date Completed :** 11 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
91	HQ Coring	30			91.0						100				91
92		31			92.0										92
							lineations @ 35°, plagioclase becoming yellow-cream	SW-MW						92.64m: JT, 35°, UN, CN, VR	
93					93.0									93.05m: JT, 35°, UN, CN, VR 93.25m: JT, 35°, UN, CN, VR 93.35m: JT, 35°, UN, FE, SN, VR	93
		32													
							no lineations, plagioclase cream-white	FR			100			93.5m: JT, 35°, UN, FE, SN, VR	
94					94.0										94
95					95.0										95
96					96.0						100				96
97					97.0										97
98		33			98.0									98.6m: JT, 10°, UN, CN, VR	98
99					99.0									98.87m: JT, 5°, UN, CN, VR	99
		34									90				
100					100.0		lineations @ 40°, FE staining around black minerals, plagioclase is orange-cream	SW-MW						99.78m: JT, 40°, UN, CN, VR	100

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 11/6/19

CORE LOG SHEET

Client :	LIVINGSTONE RESOURCES	**LOCATION No. W-12**	
Project :	GRANITE QUARRY EXPLORATION		
Location :	WELLERS RD AND KINGSCLERE - WELLERS RD	**SHEET**	**OF**
Position :	406539.0 E, 5431628.0 N GDA94	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** JRN
Contractor :	Spaulding Drillers	**Rig Type :** G&K850	**Checked :** DR
Date Started :	3 Apr 19	**Date Completed :** 11 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	RL (m)	Depth (m)	Graphic Log	Description (ROCK TYPE, colour, grain size, structure)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
101	HQ Coring	34			101.0		porphyritic, orthoclase is pale pink, phenocrysts up to 15mm, FE staining around black minerals	FR-SW			100			99.94m: JT, 40°, UN, CN, VR 100.02m: JT, 40°, UN, CN, VR 100.44m: JT, 25°, UN, CN, VR 100.49m: JT, 45°, UN, CN, VR 100.75m: JT, 45°, UN, CN, VR	101
102					102.0									101.25m: JT, 45°, IR, CN, VR	102
103		35			103.0									102.62m: JT, 45°, IR, CN, VR 103.04m: JT, 50°, PLN, FE, SN, RF 103.23m: JT, 45°, PLN, FE, SN, RF	103
104		36			104.0						100			104.05m: JT, 50°, PLN, FE, SN, RF 104.32m: JT, 30°, UN, CN, VR	104
105					105.0						100				105
106		37			106.0		no longer porphyritic, coarse grained up to 15mm							105.9m: JT, 85°, CU, CLAY, INFILL, 2mm VR 106.13m: JT, 50°, UN, CN, VR	106
107		38			107.0		plagioclase is yellow-cream, lineations @ 45°	SW-MW			91			106.63m: JT, 80°, UN, FE, SN, VR 106.96m: JT, 30°, UN, CN, VR 107.09m: JT, 45°, UN, CN, VR 107.25m: JT, 45°, UN, CN, VR 107.35m: JT, 45°, UN, CN, VR 107.42m: JT, 45°, UN, CN, VR	107
108					108.0		no lineations, plagioclase cream-white	FR						107.82m: JT, 40°, UN, CN, VR	108
109		39			109.0						100				109
110					110.0										110

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 11/6/19

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-12

SHEET OF

Position : 406539.0 E, 5431628.0 N GDA94 | Surface RL : NR | Inclination\Bearing : -90 \ 000 | Processed : JRN

Contractor : Spaulding Drillers | Rig Type : G&K850 | Checked : DR

Date Started : 3 Apr 19 | Date Completed : 11 Apr 19 | Logged by : JRN | Date : 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	RL (m) / Depth (m)	Graphic Log	Description: ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
111	HQ Coring	39		111.0		lineations @ 40°								111
							FR-SW							
						End of Hole @ 111.5m								
112				112.0										112
113				113.0										113
114				114.0										114
115				115.0										115
116				116.0										116
117				117.0										117
118				118.0										118
119				119.0										119
120				120.0										120

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

GEO CORE LOG SHEET 3218759.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 11/6/19



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-12 6.7-11.65m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 1 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
1	HQ Coring	1				GRANITE, mottled, pale pink-grey, spotted cream, black, Fe staining on joints, porphyritic, phenocrysts up to 6mm	FR-SW	VH		8				1
2													2.44-2.45 : JT, 0°, UN, FE, SN, RF 2.5 : JT, 5°, FE, SN, RF	2
3				3.13									2.95 : JT, 45°, UN, CN, RF	3
				3.33		CORE LOSS (200 mm)	-	-						
						GRANITE, mottled, pale pink-grey, spotted cream, black, Fe staining on joints, porphyritic, phenocrysts up to 6mm	FR-SW	VH		66			3.73-3.74 : JT, 0°, PLN, FE, RF 3.84 : JT, 40°, PLN, FE, SN, RF	
4		2											4.0 : JT, 55°, PLN, FE, SN, RF 4.1 : JT, 5°, UN, CN, FE, SN, RF	4
				4.55		orange-cream, mottled grey		M-H					4.37 : JT, 15°, PLN, SN, RF	
5													4.74 : JT, 0°, UN, FE, SN, RF 4.85 : JT, 0°, UN, FE, SN, RF 4.94 : JT, 0°, UN, FE, SN, RF	5
				5.75		red-pink, mottled black, grey, cream	MW	H-VH		63				
6		3											6.21 : JT, 20°, PLN, FE, SN, RF 6.37 : JT, 10°, PLN, FE, SN, RF	6
										92			6.51 : JT, 20°, ST, FE, SN, RF 6.57 : JT, 5°, UN, SN, RF	
7		4											6.85 : JT, 85°, UN, FE, VN, RF 7.25 : JT, 25°, UN, FE, SN, RF	7
													7.75 : JT, 15°, UN, FE, SN, RF 7.83 : JT, 40°, PLN, FE, SN, RF	
8													8.02 : JT, 5°, UN, FE, SN, RF	8
													8.34 : JT, 5°, UN, SN, RF	
9		5											8.78 : JT, 20°, PLN, FE, SN, RF	9
										85			9.22 : JT, 75°, PLN, FE, SN, RF 9.29-9.4 : disturbed by handling	
10													9.74 : JT, 50°, UN, FE, SN, RF	10

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 2 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	5		10.80		pink-grey, spotted cream, black, Fe staining	MW-SW			92			9.99 : JT, 75°, PLN, FE, SN, RF 10.240 : JT, 50°, FE, SN, RF 10.38 : JT, 50°, PLN, FE, SN, RF 10.44 : JT, 50°, PLN, FE, SN, RF 10.52 : JT, 50°, PLN, FE, SN, RF 10.64 : JT, 45°, PLN, FE, SN, RF 10.7-10.8 : disturbed by handling	11
12		6											11.76 : JT, 55°, PLN, FE, SN, RF 11.8 : JT, 50°, PLN, FE, SN, RF 11.85-11.88 : JT, 10°, PLN, FE, SN, RF 12.07 : JT, 15°, UN, FE, SN, RF	12
13		7		12.90 13.05		reduced Fe staining red-pink, spotted black, grey, Fe staining	SW MW-SW			38 77			12.68 : JT, 70°, PLN, FE, SN, RF 13 : JT, 20°, PLN, FE, SN, RF 13.01-13.05 : JT, 75°, PLN, FE, SN, RF 13.05 : JT, 45°, PLN, FE, VE, RF 13.2 : JT, 5°, PLN, UN, SN, RF 13.31 : JT, 50°, PLN, VE, RF 13.34 : JT, 20°, PLN, FE, SN, RF 13.55-13.6 : JT, 20°, PLN, VE, SN, RF	13
14		8											14.05 : JT, 15°, PLN, FE, SN, RF 14.1 : JT, 10°, PLN, FE, SN, RF 14.53 : JT, 50°, PLN, FE, SN, RF	14
15		9								61			14.83 : JT, 65°, PLN, FE, SN, RF 14.94 : JT, 20°, PLN, FE, SN, RF 15.04 : JT, 5°, PLN, FE, SN, RF 15.2 : JT, 35°, UN, FE, SN, RF 15.31 : JT, 30°, PLN, FE, SN, RF 15.33 : JT, 20°, PLN, FE, SN, RF 15.49 : JT, 45°, PLN, FE, SN, RF 15.68 : JT, 50°, PLN, FE, SN, RF	15
16		10								67			16.1 : JT, 15°, PLN, FE, SN, RF 16.43 : JT, 60°, PLN, FE, VE, RF 16.62 : JT, 75°, PLN, FE, RF 16.72 - 16.78 : JT x 2, 5°, PLN, FE, SN, RF 16.85 : JT, 40°, PLN, FE, SN, RF	16
17		11								72			17.24 : JT, 15°, FE, SN, RF 17.4 : JT, 15°, PLN, FE, SN, RF	17
18		12		18.10		18.1-18.36 m: brown-grey (alteration)				84			18.28 : JT, 45°, UN, FE, SN, RF 18.4 : JT, 45°, UN, FE, SN, RF 18.51 : JT, 60°, UN, FE, SN, RF 18.51 - 18.6 : disturbed by handling	18
19													19.2 : JT, 40°, PLN, FE, SN, RF 19.38 : JT, 50°, PLN, VE, RF 19.44 : JT, 20°, PLN, FE, SN, RF 19.53 - 19.72 : JT x 2, 70°, PLN, FE, SN, RF	19
20														20

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 3 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	12		20.30		pale pink, grey, spotted black, cream, reduced Fe staining	SW			88			19.97 : JT, 50°, PLN, FE, SN, RF 20.0 : JT, 15°, PLN, FE, SN, RF 20.08 : JT, 10°, ST, FE, SN, RF 20.26 : JT, 15°, PLN, FE, SN, RF 20.45 : JT, 15°, PLN, FE, SN, RF 20.71 : JT, 30°, PLN, CN, RF	21
22		13		21.50		red-pink, spotted grey, black, cream, Fe staining							21.46 : JT, 45°, PLN, FE, SN, RF 21.61 : JT, 50°, PLN, FE, SN, RF 21.85 : JT, 15°, UN, CN, RF 22.14 : JT, 30°, PLN, CN, RF 22.19 : JT, 50°, PLN, FE, SN, RF	22
23		14								84			22.51 : JT, 50°, PLN, FE, SN, RF 22.6 : JT, 5°, PLN, FE, SN, RF 22.68 : JT, 50°, PLN, FE, SN, RF 22.75 : JT, 85°, CN, FE, SN, RF 22.8 : JT, 50°, PLN, FE, VE, RF 22.82 - 22.90 : disturbed by handling 22.9 - 23.0 : disturbed by handling 23 : JT, 15°, PLN, FE, SN, RF 23.06 : JT, 25°, PLN, FE, SN, RF 23.15 : JT, 45°, PLN, FE, VE, RF 23.35 - 23.58 : JT, x 3, 50°, PLN, FE, VE, RF	23
24													23.9 : JT, 50°, PLN, SN, RF	24
25		15		25.40		reduced Fe staining				90			24.62 : JT, 50°, PLN, CN, RF 24.74 : JT, 50°, PLN, FE, RF 24.82 - 24.9 : JT, 50°, PLN, SN, RF 25.09 - 25.17 : JT x 2, 50°, PLN, SN, RF 25.39 : JT, 50°, PLN, SN, RF	25
26													26.14 : JT, 35°, PLN, CN, RF	26
27		16								76			26.4 : JT, 35°, PLN, FE, SN, RF 26.9 : JT, 50°, PLN, FE, SN, RF	27
28													27.51 : JT, 45°, PLN, CN, RF 27.86 : JT, 55°, PLN, CN, RF 27.97 : JT, 55°, PLN, CN, RF	28
29		17								76			28.18 : JT, 35°, PLN, SN, RF 28.45 - 28.65 : JT x 3, 75°, PLN, CN, RF 28.85 : JT, 15°, PLN, CN, RF	29
30		18								88			29.7 : JT, 60°, PLN, SN, RF	30

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 4 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	18		31.05		CORE LOSS (250 mm)	-	-					30.1 : JT, 75°, PLN, SN, RF 30.28 : JT, 15°, PLN, CN, RF 30.42 : JT, 70°, PLN, SN, RF 30.45 : JT, 50°, PLN, FE, SN, RF 30.5 : JT, 75°, PLN, FE, CN, Infill 2m 30.9 - 30.95 : disturbed by handling	31
				31.30		GRANITE, red-pink, spotted grey, black, cream, Fe staining	SW-FR	H-VH		100			31.34 : JT, 70°, PLN, SN, RF	
32		19								100			32.4 : JT, 45°, PLN, CN, RF	32
33		20											33.13 : JT, 30°, PLN, CN, RF	33
34										79			34.46 : JT, 30°, PLN, CN, RF 34.56 : JT, 60°, PLN, CN, RF 34.65 : JT, 35°, PLN, CN, RF 34.74 : JT, 40°, PLN, CN, RF	34
35		21											35.15 : JT, 55°, PLN, CN, RF 35.25 : JT, 60°, PLN, FE, RF	35
36		22								75				36
37				37.02		red-pink, spotted cream, black, grey	MW HW	L-M					37.02 - 37.1 : JT x 2, 60°, PLN, SN, RF 37.1 - 37.3 : too disturbed to log defects 37.3 : JT, 60°, PLN, SN, RF	37
		23					MW-HW	M-H		100			37.7 : JT, 75°, healed	
38		24					SW-MW	VH		38			38.05 - 38.3 : JT*2, 80°, PLN, SN, RF 38.38 : JT, 20°, PLN, SN, RF	38
39		25								86			38.9 : JT, 45°, PLN, SN, RF 39.0 - 39.62 : VN, black mineral, 2 mm 39.62 : JT, 65°, CV, SN, RF	39
40													39.86 : JT, 45°, PLN, SN, RF	40

See standard sheets for details of abbreviations & basis of descriptions

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CONSULTING GEOTECHNICAL ENGINEERS AND GEOLOGISTS

Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 5 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
41	HQ Coring	25								85			39.95 : JT, 55°, PLN, SN, RF 40.29 : JT, 55°, PLN, SN, RF 40.55 : JT, 35°, PLN, SN, RF 40.6 : JT, 35°, PLN, SN, RF 40.62 : JT, 35°, PLN, SN, RF 40.82 : JT, 25°, PLN, SN, RF	41
		26		41.60		reduced Fe staining	SW			91			41.35 : JT, 35°, PLN, SN, RF 41.44 : JT, 15°, PLN, CN, RF 41.62 : JT, 5°, PLN, SN, RF	
42													41.9 : JT, 50°, PLN, SN, RF 42.07 : JT, 15°, PLN, SN, RF 42.12 : JT, 25°, PLN, SN, RF 42.18 : JT, 45°, PLN, SN, RF 42.33 : JT, 40°, PLN, SN, RF 42.36 : JT, 45°, PLN, FE, SN, RF, DIS 42.6 : JT, 45°, PLN, FE, SN, RF	42
43		27		43.50		becoming porphyritic, phenocrysts up to 6 mm							43.31 : JT, 55°, PLN, FE, SN, RF 43.47 : JT, 35°, PLN, SN, RF 43.56 : JT, 65°, PLN, FE, VE RF 43.57 : JT, 60°, PLN, FE, VE, RF 43.67 : JT, 50°, PLN, CN, RF	43
44													44.51 : JT, 5°, VN, CN, RF 44.71 : JT, 55°, PLN, FE, SN, RF 44.8 : JT, 25°, ST, SN, RF	44
45										26			45.0 : JT, 45°, PLN, SN, RF 45.05 : JT, 45°, PLN, FE, SN, RF 45.09 : JT, 35°, PLN, SN, RF 45.37 - 45.40 : Recovered as gravel 45.4 - 45.70 : JT, 25°, PLN, CN, RF	45
46		28											46.23 : JT, 25°, PLN, CN, RF	46
				46.85		phaneritic texture, crystals up to 2 mm							46.53 : JT, 5°, UN, SN, RF 46.6 : JT, 10°, ST, CN, RF 46.65 : JT, 45°, PLN, CN, RF 46.71 : JT, 25°, PLN, CN, RF 46.85 : JT, 45°, PLN, CN, RF 46.89 : JT, 10°, PLN, CN, RF	
47										72			47.25 - 47.3 : disturbed by drilling	47
48		29											47.76 : JT, 60°, PLN, CN, RF 47.98 : JT, 15°, PLN, CN, RF 48.02 : JT, 45°, PLN, CN, RF 48.2 : JT, 30°, PLN, CN, RF	48
		30					SW-FR			100			48.38 : JT, 75°, UN, CN, RF 48.45 : JT, 10°, PLN, CN, RF 48.68 : JT, 85°, C, CN, RF	
49													49.1 : JT, 30°, PLN, SN, RF 49.2 : JT, 20°, PLN, CN, RF	49
50		31								94				50

See standard sheets for details of abbreviations & basis of descriptions

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CONSULTING GEOTECHNICAL ENGINEERS AND GEOLOGISTS

Job No. **3218759**

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 6 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	31								90			50.07 : JT, 45°, PLN, CN, RF 50.9 : JT, 60°, PLN, FE, SN, RF, DIS 51.14 - 51.19 : JT x 2, 5°, PLN, CN, RF 51.36 : JT, 45°, PLN, SN, RF 51.5 : JT, 5°, UN, SN, RF	51
52		32											52.11 : JT, 50°, PLN, FE, SN, RF 52.25 : JT, 80°, PLN, FE, SN, RF 52.34 - 53.65 : JT*4, 55°, FE, SN, RF 52.58 : JT, 5°, UN, PLN, CN, RF 52.66 : JT, 60°, PLN, FE, SN, RF	52
53				53.00		Fe staining increasing, becoming pink-red, spotted black, grey, cream	SW						52.88 : JT, 80°, UN, CLAY, 10mm 53.25 - 53.7 : Recovered as gravel	53
54		33											53.77 : JT, 60°, PLN, FE, SN, RF 53.86 : JT, 35°, PLN, SN, RF 53.96 : JT, 25°, PLN, SN, RF 53.99 - 54.07 : Recovered as gravel 54.1 : JT, 80°, PLN, SN, RF 54.17 - 54.45 : too disturbed to log defects	54
55		34					HW	M		28			54.61 : JT, 80°, PLN, SN, RF 54.7 : JT, 25°, UN, FE, SN, RF 54.75 : JT, 30°, VN, PLN, SN, RF 54.89 : JT, 45°, PLN, SN, RF	55
56		35					MW	H		29			55.25 : JT, 50°, PLN, SN, RF 55.3 - 55.4 : disturbed by handling 55.71 : JT, 20°, CN, RF	56
57				57.40		57.4-57.7 m: pegmatitic, pink-red, grey				86			56.48 : JT, 50°, PLN, CN, RF 56.64 : JT, 40°, PLN, CN, RF 56.67 : JT, 50°, PLN, CN, RF 56.86 : JT, 50°, PLN, CN, RF 57.09 : JT, 50°, UN, FE, SN, RF	57
58		36					MW-SW	VH					58.48 : JT, 50°, VN, CN, RF 58.62 : JT, 45°, PLN, CN, RF 58.67 : JT, 45°, PLN, CN, RF	58
59										53			58.95 : JT, 50°, PLN, FE, SN, RF 59.08 : JT, 45°, PLN, SN, RF 59.1 : JT, 85°, PLN, CN, RF	59
60		37											59.35 : JT, 55°, PLN, CN, RF 59.4 : JT, 35°, PLN, CN, RF 59.55 - 59.70 : JT x 2, PLN, CN, RF 59.81 : JT, 50°, PLN, SN, RF	60

Core Recovery (%): 20, 80
Defect Spacing (mm): 20, 40, 100, 300, 1000

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-13

SHEET 7 OF 7

Position : 404504.0 E, 5429956.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 11 Apr 19	**Date Completed :** 17 Apr 19	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
61	HQ Coring	37		60.50		Pegmatitic zones appearing				65			59.93 : JT, 75°, PLN, CN, RF 60.25 : JT, 75°, PLN, CN, RF 60.4 : JT, 85°, CU, CN, RF 60.75 : JT, 80°, PLN, CN, RF 61.05 : JT, 25°, PLN, CN, RF 61.42 : JT, 50°, PLN, CN, RF 61.49 : JT, 45°, PLN, CN, RF 61.62 : JT, 20°, PLN, CN, RF	61
62		38											62.4 : JT, 10°, PLN, CN, RF 62.5 : JT, 45°, PLN, CN, RF 62.68 : JT, 10°, PLN, CN, RF 62.78 : JT, 75°, PLN, CN, RF	62
63													63.0 : JT, 75°, PLN, CN, RF 63.04 : JT, 5°, PLN, CN, RF 63.32 : JT, 5°, UN, CN, RF 63.42 : JT, 60°, PLN, CN, RF 63.63 - 63.76 : JT x 2, 15°, PLN, CN, RF	63
64		39								60			63.9 : JT, 40°, PLN, CN, RF 64.0 - 64.5 : too disturbed to log defects 64.07 : JT, 60°, PLN, CN, RF 64.14 : JT, 55°, PLN, CN, RF 64.16 - 64.24 : JT x 2, 25°, PLN, CN, RF 64.3 : JT, 90°, PLN, CN, RF, DIS 64.4 : JT, 50°, PLN, CN, RF 64.61 : JT, 25°, PLN, CN, RF 64.82 - 65.0 : JT x 3, 20°, PLN, CN, RF	64
65		40								40			65.1 : JT, 50°, PLN, CN, RF 65.2 : JT, 55°, PLN, CN, RF	65
66		41		65.45		becoming red, spotted grey, yellow, cream, black (alteration)	MW			77			65.91 : JT, 45°, FE, VE, RF 66.12 : JT, 55°, PLN, CN, RF 66.32 - 66.44 : JT x 3, 45°, PLN, CN, RF 66.48 : JT, 60°, PLN, CN, RF, DIS 66.57 : JT, 25°, PLN, SN, RF 66.75 : JT, 50°, PLN, FE, CN, RF	66
67		42		67.00		becoming fine grained				78			66.91 : JT, 75°, CN, RF 67.17 : JT, 55°, PLN, CN, RF 67.3 : JT, 70°, CU, SN, RF	67
68		43		68.10		becoming coarse grained				66			67.78 : JT, 45°, PLN, CN, RF 67.83 : JT, 50°, PLN, CN, RF 68.12 : JT, 35°, ST, CN, RF 68.2 : JT, 50°, PLN, SN, RF 68.3 : JT, 50°, PLN, SN, RF 68.34 : JT, 50°, PLN, SN, RF 68.5 : JT, 50°, PLN, SN, RF 68.55 : JT, 50°, PLN, SN, RF, DIS 68.62 : JT, 60°, PLN, SN, RF	68
69				69.50		End of hole at 69.5 metres.							69.1 - 69.15 : JT x 2, 45°, PLN, SN, RF 69.42 : JT, 65°, PLN, SN, RF 69.46 : JT, 65°, PLN, SN, RF EOH@ 69.5 m	69
70														70

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **3218759**



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-13 1.7-13.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



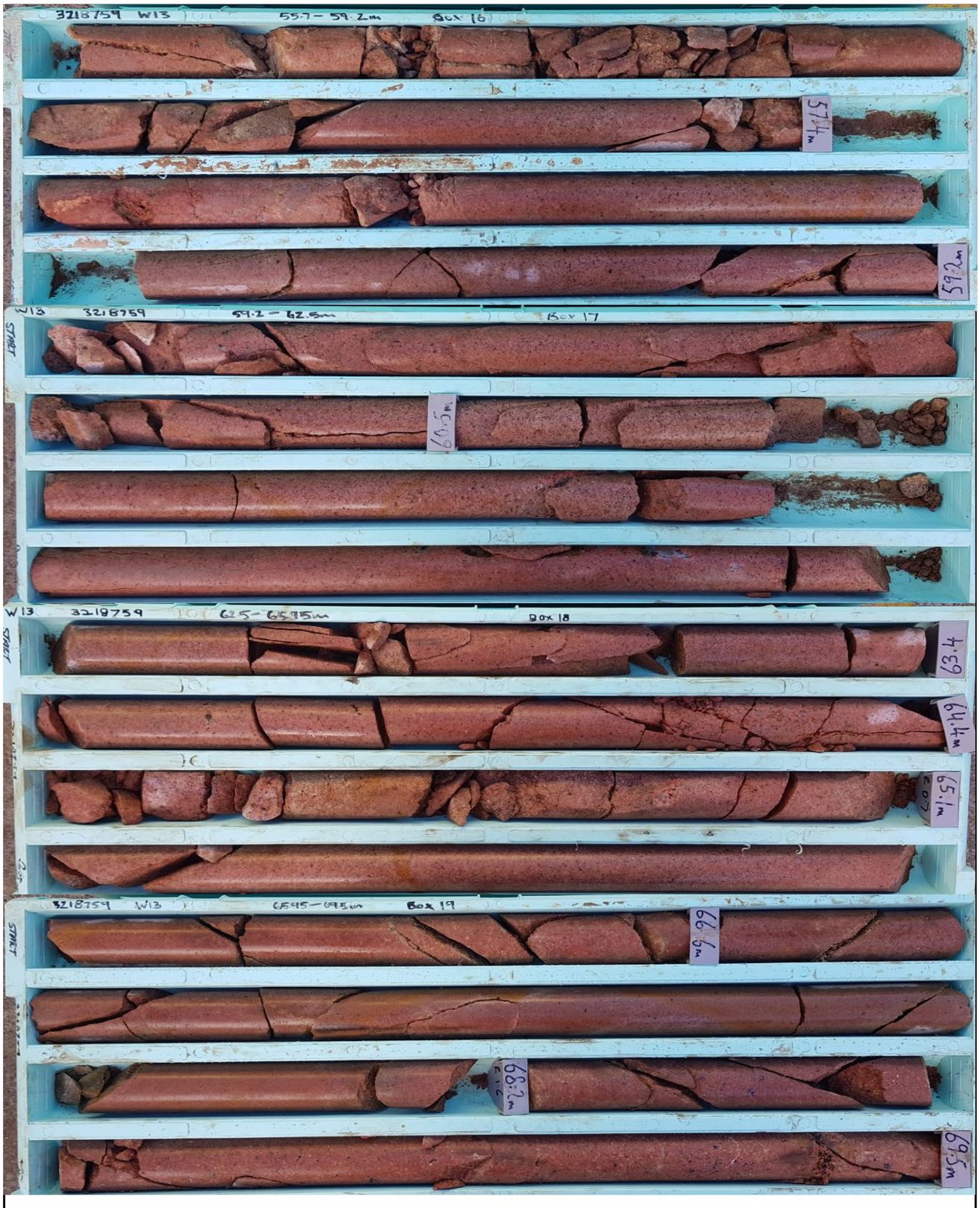
Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-13 13.5-23.9m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-13 27.0-41.44m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-13 41.44-55.7m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:



Prepared By: KI	Date: 28-Sep-21	Job Number: 32\18759	A4	Title: Borehole Photographic Log W-13 55.7-69.5m	Client: Livingstone Resources
					Project: Granite Quarry Exploration -
Revision: A	Date: 28-Sep-21	Cad Reference:			Figure No:

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-14

SHEET 1 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Apr 19	**Date Completed :** 24 Apr 18	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
0	HQ Coring	1				GRANITE, mottled cream, grey, spotted black, medium to coarse grained, up to 3 mm, Fe staining around joint surfaces	SW	VH		79			1.27 : JT, 5°, UN, FE, SN, RF 1.3 : JT, 15°, UN, FE, SN, RF 1.39 : JT, 5°, UN, FE, SN, RF
1													
2		2		2.49		CORE LOSS (90 mm)	-	-		75			2.49 : JT, 5°, PLN, UN, FE, SN, RF
				2.69		GRANITE, mottled cream, grey, spotted black, medium to coarse grained, up to 3 mm, Fe staining around joint surfaces	SW	VH					
3		3								64			3.68 : JT, 15°, PLN, UN, FE, SN, RF 3.81 : JT, 30°, PLN, UN, FE, SN, RF
4													4.57 : JT, 20°, PLN, UN, FE, SN, RF 4.65 : JT, 5°, PLN, UN, FE, SN, RF
5				4.96		pale cream	MW	H					
		4		5.10		mottled pale grey, cream, spotted black	SW	VH		93			5.28 : JT, 10°, PLN, FE, SN, RF 5.39 : JT, 15°, UN, CN, RF 5.45 : JT, 20°, UN, CN, RF 5.52-5.54 : JT, 20°, CN, RF
				5.55		mottled orange-cream, spotted black, Fe staining throughout	MW-SW						5.75 : JT, 65°, PLN, SN, RF
6													6.15 : JT, 85°, CN, FE, SN, RF 6.35-6.4 : disturbed by handling
		5								96			6.5 : JT, 65°, UN, FE, SN, RF 6.58 : JT, 10°, UN, FE, SN, RF 6.74 : JT, 65°, UN, FE, SN, RF
7													7.15 : JT, 45°, PLN, CN, FE, RF 7.18 : JT, 45°, PLN
													7.45 : JT, 85°, UN, FE, SN, RF
													7.75 : JT, 10°, UN, FE, SN, RF
8							HW-MW	M-H					7.93 : JT, 10°, UN, FE, SN, RF 8.05 : JT, 15°, UN, FE, SN, RF
							MW-SW	VH					8.58 : JT, 10°, UN, FE, SN, RF
9		6		9.20		mottled cream, grey, spotted black, Fe staining near joint surfaces	SW			79			8.87 : JT, 50°, UN, FE, SN, RF
10													

See standard sheets for details of abbreviations & basis of descriptions

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Job No. 3218759

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-14

SHEET 2 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Apr 19	**Date Completed :** 24 Apr 18	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
11	HQ Coring	6											9.97 : JT, 20°, UN, FE, SN, RF 10.54-10.65 : JT, 5 x 4°, FE, SN, RF 10.85 : JT, 10°, UN, CN, RF
12		7								73			11.2 : JT, 75°, PLN, CN, RF 11.35 : JT, 75°, PLN, CN, RF 11.69 : JT, 10°, PLN, CN, RF 11.81 : JT, 5°, UN, CN, RF 11.85-11.87 : JT, 5°, CN, RF
13													12.27 : JT, 10°, UN, CN, RF 12.37 : JT, 10°, UN, CN, RF 12.56-12.61 : JT, 5°, CN, RF 12.63 : JT, 15°, UN, CN, RF 12.75 : JT, 15°, ST, CN, RF 12.9 : JT, 80°, UN, SN, FE, CN, RF 13.15 : JT, 80°, PLN, SN, RF
14		8		13.90		becoming coarse grained, up to 4 mm				81			13.58-13.6 : JT x 2, 10°, SN, FE, RF 14.18 : JT, 5°, PLN, FE, SN, RF
15				14.52 14.62 14.84		becoming fine to coarse grained orange-cream, grey, spotted black mottled cream, grey, spotted black	MW SW	H-VH VH					14.46 : JT, 5°, PLN, FE, SN, RF 14.62 : JT, 10°, PLN, FE, SN, RF 14.7-14.84 : Recovered as gravel 14.73 : JT, 55°, PLN, FE, SN, RF 15.04 : JT, 15°, PLN, RF 15.15 : JT, 10°, UN, CN, RF 15.18 : JT, 10°, PLN, SN, RF
16		9		16.80		pale grey, spotted cream, black	MW SW-FR			100			15.83 : JT, 5°, PLN, SN, RF 15.95 : JT, 45°, PLN, SN, RF 16.45-16.55 : Recovered as gravel 16.6 : JT, 10°, PLN, UN, SN, RF 16.62-16.80 : disturbed due to handling 17.08 : JT, 15°, PLN, SN, RF
17													17.63 : JT, 40°, PLN, SN, RF
18		10								76			18.31 : JT, 15°, PLN, FE, SN, RF 18.39 : JT, 25°, UN, FE, SN, RF 18.57 : JT, 0°, PLN, FE, SN, RF 18.67 : JT, 30°, UN, FE, SN, RF 18.73 : JT, 15°, UN, FE, SN, RF
19													19.45 : JT, 75°, PLN, FE, SN, RF 19.78 : JT, 15°, PLN, FE, SN, RF
20													

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CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-14

SHEET 3 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Apr 19	**Date Completed :** 24 Apr 18	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
21	HQ Coring	10		20.10		orange-cream, spotted black	MW			100			20.1 : JT, 75°, PLN, FE, SN, RF 20.2 : JT, 40°, PLN, FE, SN, RF 20.31 : JT, 20°, PLN, FE, SN, RF	21
		11											20.79 : JT, 45°, PLN, FE, SN, RF 21.12 : JT, 75°, PLN, FE, SN, RF 21.33 : JT, 75°, PLN, FE, SN, RF 21.48 : JT, 45°, PLN, FE, SN, RF	
22		12		22.30		pale grey, spotted cream, black	SW			100			21.72 : JT, 50°, PLN, FE, SN, RF 21.82 : JT, 45°, PLN, FE, SN, RF 22.15 : JT, 30°, UN, FE, SN, RF	22
23		13								78			22.42 : JT, 45°, PLN, FE, SN, RF 23.02 : JT, 35°, PLN, FE, SN, RF 23.13 : JT, 5°, PLN, FE, SN, RF 23.24 : JT, 5°, PLN, FE, SN, RF	23
24				24.00		orange-cream, spotted black	MW	H					23.53 : JT, 40°, CN, RF 23.6 : JT, 20°, UN, CN, RF 23.85 : JT, 20°, PLN, FE, SN, RF 24.02 : JT, 10°, PLN, FE, SN, RF	24
		14					MW-SW	H-VH		54			24.16 : JT, 85°, CN, PLN, SN, RF 24.24 : JT, 20°, PLN, FE, SN, RF 24.46 : JT, 80°, PLN, FE, SN, RF 24.52-24.58 : JT, 5°, UN, FE, SN, RF 24.7 : JT, 5°, UN, FE, SN, RF	
25													25.05 : JT, 75°, PLN, FE, SN, RF	25
26													25.65 : JT, 45°, PLN, FE, SN, RF 25.72 : JT, 5°, UN, FE, SN, RF 26.4 : JT, 10°, UN, FE, SN, RF 26.6 : JT, 80°, PLN, FE, SN, RF	26
27		15		27.40		Fe staining throughout and along joint surfaces	SW	VH					27.13 : JT, 5°, UN, FE, SN, RF 27.29 : JT, 10°, UN, FE, SN, RF 27.6 : JT, 5°, PLN, FE, SN, RF 27.7 : JT, 60°, PLN, FE, SN, RF	27
28										100			28.07 : JT, 10°, UN, FE, SN, RF 28.1 : JT, 5°, UN, FE, SN, RF 28.35 : JT, 80°, CN, FE, SN, RF 28.54 : JT, 10°, PLN, FE, SN, RF 28.59 : JT, 10°, PLN, FE, SN, RF	28
29		16											28.9 : JT, 10°, PLN, FE, SN, RF 29.54 : JT, 10°, UN, FE, SN, RF	29
30														30

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Job No. 3218759

CORE LOG SHEET

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Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-14

SHEET 4 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Apr 19	**Date Completed :** 24 Apr 18	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
31	HQ Coring	16								100			30.1 : JT, 80°, PLN, FE, SN, RF 30.95 : JT, 85°, PLN, FE, SN, RF	31
32		17											31.65 : JT, 15°, UN, FE, SN, RF 32.28 : JT, 40°, PLN, FE, SN, RF 32.48 : JT, 75°, FE, SN, RF 32.73 : JT, 10°, PLN, FE, SN, RF	32
33				33.15		becoming pale grey, spotted cream, black reduced Fe staining	SW-FR						33.04 : JT, 10°, PLN, FE, SN, RF 33.19 : JT, 5°, PLN, FE, SN, RF 33.53 : JT, 50°, PLN, FE, SN, RF	33
34		18								100			33.84 : JT, 75°, PLN, FE, SN, RF 34.2 : JT, 40°, FE, SN, RF 34.29 : JT, 10°, PLN, FE, SN, RF 34.4 : JT, 15°, PLN, FE, SN, RF	34
35													34.8 : JT, 75°, PLN, FE, SN, RF 35.05 : JT, 75°, PLN, FE, SN, RF 35.02-35.27 : too disturbed to log defects 35.2-35.27 : JT, 15°, PLN, FE, SN, RF 35.39 : JT, 10°, PLN, FE, SN, RF 35.71 : JT, 15°, UN, FE, SN, RF 35.8 : JT, 0°, UN, FE, SN, RF	35
36		19		36.80		Fe staining along joint surfaces only	FR			78			35.85 : JT, 75°, PLN, FE, SN, RF 36.07 : JT, 5°, PLN, FE, SN, RF 36.2 : JT, 0°, PLN, CN, RF 36.26 : JT, 5°, UN, CN, RF 36.75 : JT, 45°, CN, FE, SN, RF	36
37													37.03 : JT, 75°, PLN, FE, SN, RF 37.18 : JT, 10°, PLN, CN, RF	37
38		20											37.75-37.78 : JT x 2, 5°, PLN, FE, SN, RF 38.26 : JT, 25°, PLN, FE, SN, RF 38.3 : JT, 10°, PLN, FE, SN, RF	38
39										96			38.55 : JT, 35°, PLN, FE, RF	39
40		21											39.14 : JT, 75°, PLN, FE, SN, RF 39.2 : JT, 10°, PLN, FE, SN, RF 39.27 : JT, 15°, PLN, CN, RF 39.51 : JT, 5°, PLN, FE, SN, RF	40

See standard sheets for details of abbreviations & basis of descriptions

GHD
2 Salamanca Square Hobart TAS 7001, Hobart
T: 61 3 62100 600 F: 61 3 62100601
CONSULTING GEOTECHNICAL ENGINEERS AND GEOLOGISTS

Job No. **3218759**

CORE LOG SHEET

Client : LIVINGSTONE RESOURCES
Project : GRANITE QUARRY EXPLORATION
Location : WELLERS RD AND KINGSCLERE - WELLERS RD

LOCATION No. W-14

SHEET 5 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
Date Started : 18 Apr 19	**Date Completed :** 24 Apr 18	**Logged by :** JRN	**Date :** 18/10/21

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m) | Method | Run | Water | Depth/ (RL)metres | Graphic Log | **Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin) | Weathering | Estimated Strength | Core Recovery (%) | RQD (%) | Defect Spacing (mm) | Samples & Tests | Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results | SCALE (m)

Method: HQ Coring

Runs: 21, 22, 23, 24, 25

RQD (%): 97, 71, 96, 83, 93

Defect Spacing (mm): 20, 40, 100, 300, 1000

Core Recovery (%): 20, 80

Joints, partings, seams, zones and veins / Fracture type, orientation, infilling or coating, shape, roughness, other / Insitu test results

40.48 : JT, 5°, PLN, FE, SN, RF
41.06 : JT, 10°, PLN, FE, SN, RF
41.43 : JT, 10°, PLN, FE, SN, RF
41.47 : JT, 5°, UN, CN, RF
42.52 : JT, 10°, PLN, FE, SN, RF
42.7 : JT, 10°, PLN, CN, RF
42.78 : JT, 10°, PLN, FE, SN, RF
42.84 : JT, 10°, PLN, CN, RF
43.43 : JT, 5°, UN, CN, RF
44.24 : JT, 15°, PLN, FE, SN, RF
44.43 : JT, 10°, PLN, FE, SN, RF
44.5 : JT, 45°, PLN, CN, RF
44.95 : JT, 75°, PLN, FE, SN, RF
45.01- 45.09 : too disturbed to log defects
45.37 : JT, 10°, PLN, FE, SN, RF
45.4 : JT, 15°, PLN, CN, RF
45.61 : JT, 5°, CN, RF
46.9 : JT, 15°, PLN, FE, SN, RF
47.83 : JT, 5°, PLN, FE, SN, RF
47.91 : JT, 5°, PLN, CN, RF
48.68 : JT, 20°, PLN, CN, RF
48.89 : JT, 15°, UN, CN, RF
49.45 : JT, 70°, PLN, FE, SN, RF
49.55 - 49.80 : too disturbed to log defects
49.84 : JT, 70°, PLN, SN, RF

See standard sheets for details of abbreviations & basis of descriptions

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SHEET 6 OF 8

Position : 404175.0 E, 5429337.0 N \ 55	**Surface RL :** NR	**Inclination\Bearing :** -90 \ 000	**Processed :** KI
Contractor : Spaulding Drillers	**Rig Type :** G&K850		**Checked :** DR
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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
51	HQ Coring	26		50.80		becoming coarse grained, up to 4 mm							49.93 : JT, 15°, PLN, CN, RF 50.0 : JT, 15°, PLN, SN, RF	51
				51.62 51.66		51.62 - 51.66 m: pegmatitic texture mottled pink, cream, black (alteration)								
52				52.10 52.17		mottled black, pale grey (alteration) mottled pink, cream, black (alteration)							52.0 : JT, 75°, PLN, healed 52.14 - 52.8 : disturbed due to handling 52.28 : JT, 10°, PLN, CN, RF	52
													52.72 : JT, 10°, PLN, CN, RF	
53		27		53.05		pale grey, spotted black, cream, fine to medium grained, up to 2 mm				26			53.08 - 53.12 : JT, 2 x 20°, FE, CN, RF 53.29 : JT, 10°, CN, RF	53
54													53.79 : JT, 75°, PLN, SN, CN, RF 53.89 : JT, 10°, PLN, SN, RF 53.94 : JT, 10°, PLN, CN, RF 54.0 : JT, 20°, PLN, SN, RF	54
		28								62				
55				54.80		pale pink, spotted cream, grey, black							54.98 : JT, 45°, PLN, CN, RF 55.02 : JT, 10°, PLN, CN, RF 55.18 : JT, 65°, PLN, SN, RF	55
													55.36 : JT, 40°, PLN, FE, SN, RF 55.43 : JT, 30°, CN, RF	
													55.75 : JT, 30°, PLN, SN, RF	
56		29								30			55.95 : JT, 45°, PLN, FE, SN, RF 56.0 - 56.2 : too disturbed to log defects 56.22 : JT, 40°, PLN, CN, RF 56.31 : JT, 10°, UN, FE, SN, RF 56.35 : JT, 10°, UN, CN, RF 56.51 : JT, 15°, PLN, FE, SN, RF 56.55 : JT, 45°, PLN, CN, RF	56
										95				
57		30		57.40		becoming pale grey, spotted cream, pink, black							56.6 - 56.7 : disturbed due to handling 56.93 : JT, 45°, PLN, CN, RF 57.23 : JT, 5°, PLN, CN, RF 57.34 : JT, 50°, PLN, CN, RF	57
58														58
		31								100				
59													58.55 : JT, 40°, PLN, SN, RF 59.03 : JT, 0°, PLN, FE, SN, RF	59
													59.72 : JT, 5°, PLN, CN, RF 59.9 : JT, 5°, UN, CN, RF	
60														60

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SHEET 7 OF 8

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DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
61	HQ Coring	32							100			61.44 : JT, 5°, UN, CN, RF
									78			61.8 : JT, 5°, UN, CN, RF
62												
		33										62.59 : JT, 30°, PLN, CN, RF
63				63.05	Fe staining throughout	SW-FR						63.05 : JT, 80°, UN, SN, RF
												63.4 - 64.2 : JT, 2 x 75°, PLN, SN, RF
64				64.20	reduction in Fe staining, only on joints				71			
65		34										65.02 : JT, 10°, UN, SN, RF
												65.34 : JT, 45°, PLN, FE, SN, RF 65.42 : JT, 10°, UN, SN, RF 65.56 : JT, 45°, PLN, Fe, CN, RF 65.62 : JT, 45°, PLN, FE, SN, RF 65.7 - 65.9 : too disturbed to log defects 65.9 : JT, 35°, PLN, FE, SN, RF
66									74			
		35		66.70	becoming red-pink, spotted cream, black							66.5 : JT, 50°, PLN, SN, RF
												66.75 : JT, 75°, PLN, CN, RF 66.85 : JT, 75°, PLN, SN, RF
67									76			67.08 : JT, 75°, PLN, FE, SN, RF 67.2 - 68.5 : ~90°, UN, FE, RF, healed in some areas
				67.90	becoming coarse grained, up to 4 mm							
68		36		68.52	becoming fine grained, up to 2 mm							
												68.69 : JT, 5°, UN, CN, RF
69												
												69.6 : JT, 85°, UN, CN, RF
70												

Defect Spacing (mm): 20, 40, 100, 300, 1000
Core Recovery (%): 20, 80

See standard sheets for details of abbreviations & basis of descriptions

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SHEET 8 OF 8

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71	HQ Coring	36								57			70.5 : JT, 85°, CN, RF 70.52 : JT, 15°, PLN, CN, RF
		37											70.94 - 71.15 : JT, 3 x 45°, SN, RF 71.25 : JT, 70°, PLN, Fe, SN, RF 71.33 - 45.0 : JT, 2 x 45°, CN, RF 71.58 : JT, 45°, CU, SN, RF
72				72.00		becoming pale pink, spotted cream, black, Fe staining on joints				62			71.9 : JT, 60°, PLN, Fe, SN, RF 72 - 72.3 : JT, 2 x 85°, Fe, SN, RF
73		38		73.00		becoming coarse grained, up to 4 mm							72.46 : JT, 30°, CN, RF 72.53 : JT, 15°, UN, CN, RF 72.63 : JT, 15°, UN, Fe, SN, RF 72.66 -73.6 : ~90, UN, FE/CLAY
				73.60		End of hole at 73.6 metres.							
74													
75													
76													
77													
78													
79													
80													

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