

448200N

405150E

405200E

405250E

405300E

405350E

405400E

405450E

448200N  
40550E

448150N

448150N

448100N

448100N

448050N

448050N

448000N

448000N

447950N

447950N

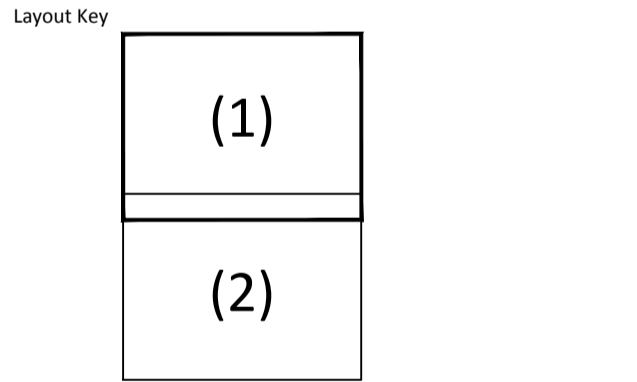
Boundary Type and Description	
	C/B Close Board
	C/L Chain Link
	FE Misc.
	K/R Knee Rail
	O/B Open Board
	Pal Palisade
	M/R Metal Railings
	Pick Picket
	P/R Post & Rail
	P/W Post & Wire
	W/M Wire Mesh
	Brick Brick Wall
	Brick Ret. Brick Retaining Wall
	Stone Stone Wall
	Stone Ret. Stone Retaining Wall
	Block Block Wall
	Misc. Misc. Wall
	Gate Gate

Vegetation	
	Hedge Hedge
	Edge of Hedge Edge of Hedge
	Edge of Canopy Edge of Canopy
	Tree and Trunk Tree and Trunk
	Stump Stump
	Bush Bush
	Verge Verge

General Utility Linestyles	
	CD Drainage Combined
	FD Drainage Foul
	SD Drainage Surface
	UD Drainage Unidentified
	O-C O/Head Combined
	O-E O/Head Electric
	O-T O/Head Telecom

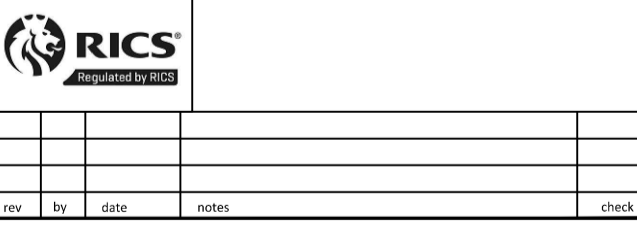
General Survey Abbreviations			
AV	Air Valve	GV	Gas Valve
BH	Borehole Collar	HP	Hand Pit
BX	Box (General)	IBO	Illuminated Bollard
BX/E	Box (Elec)	IC	Inspection Cover
BX/G	Box (Gas)	IL	Invert Level
BXT	Box (Telecom)	KO	Kerb Outlet
BX/W	Box (Water)	LP	Lampost
BM	Benchmark	LT	Light
BO	Bollard	MH	Manhole
BS	Bus Stop	Mkr	Marker
Bin	Bin	POST	Post (General)
BT	Telecom Cover	PS	Post Box
CCTV	Air Valve	RE	Rodding Eye
CL	Cover Level	RS	Road Sign
DK	Droppers	SKY	Sky Light
DP	Downpipe	SV	Stop Valve
DP/G	Downpipe/Gully	TL	Traffic Light
EC	Electric Cover	TR	Taken From Records
EOR	End of Records	TP	Telecom Pole
EOS	End of Survey	TV	Cable TV
EOT	End of Trace	UTCA	Unable to Gain Access
EP	Electric Pole	UTL	Unable to Lift
ER	Earth Rod	UTS	Unable to Survey
FH	Fire Hydrant	UIT	Unable to Trace
FL	Floor Level	W/L	Water Level
Fp	Flag Pole	WS	Window Sample
GP	Gate Post		
G	Girder		
GU	Gully		

Measured Survey Abbreviations			
AC	Air Conditioning	SCH	Structural Ceiling Height
AH	Access Hatch	SKY	Sky Light
AP	Access Panel	W	Window Height
BH	Beam Height		
C	Cill Height		
DH	Door Height		
FCH	False Ceiling Height		
FL	Floor Level		
Ht.	Height (General)		
RD	Radiator		



CO-ORDINATES AND ELEVATIONS ARE SET BY GNSS AT STATION LF1.  
 CO-ORDINATES ARE TO OS NATIONAL GRID USING OSTN15 TRANSFORMATION  
 LEVELS ARE TO ORDNANCE DATUM USING OSGM15 GEOID MODEL.  
 THE REMAINDER OF THE SURVEY IS TO SCALE FACTOR 1 PLANE GRID.

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CLIENT  
**The Mineral Planning Group Ltd**  
 Horn Crag Quarry

TITLE  
**Topographic Survey**

Drawn	LH	Date	30-08-2019	Drawing No.	
Checked	EH	Date	30-08-2019	Scale	1/500
Client Ref					E454-001

