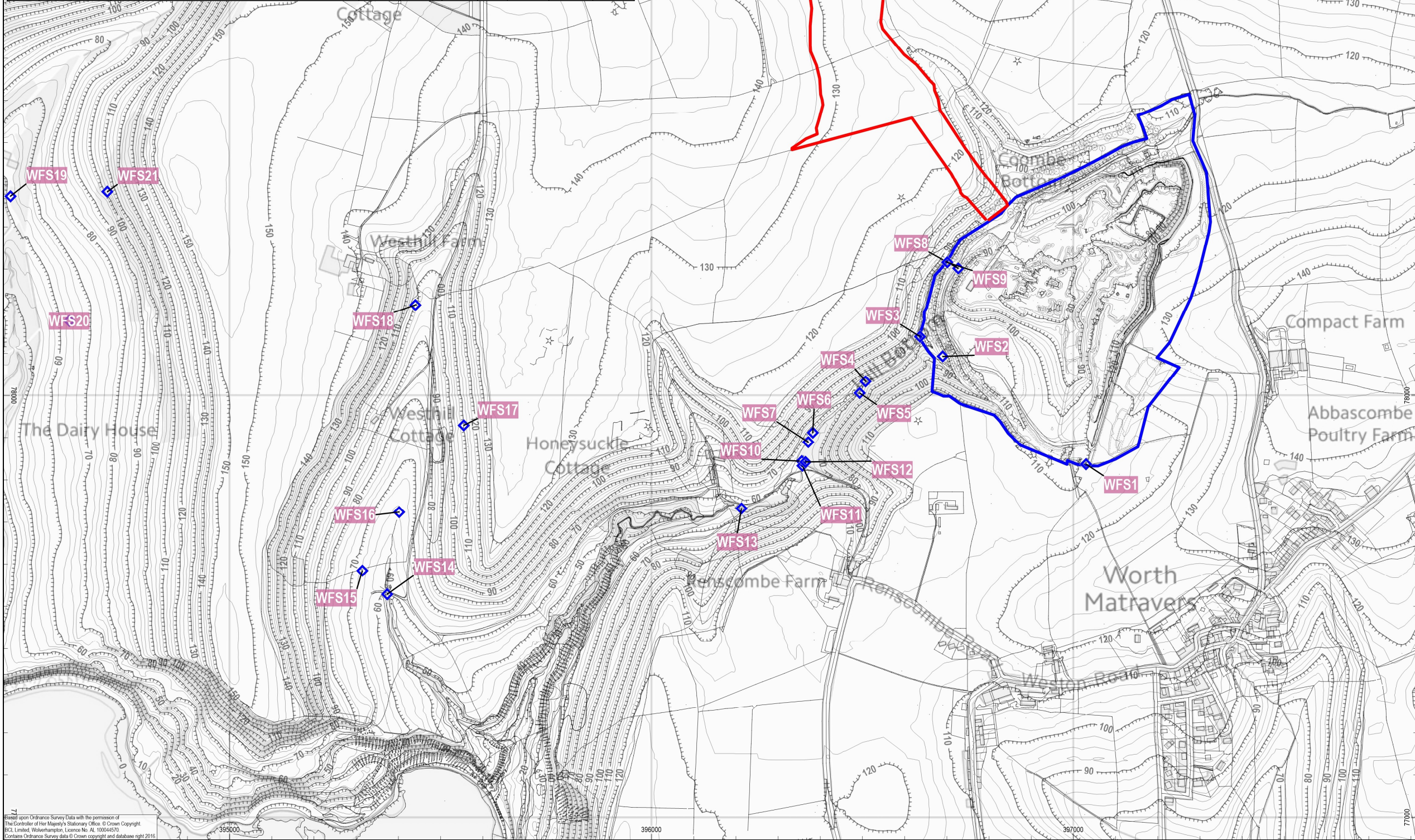






I.D.	Easting	Northing	Description	Crest Width (m)	Base Width (m)	Length (m)	Depth (m)	Water Depth (m)	Freeboard (m)	Flow
WFS1	397030	77837	Dry ditch at field boundary at top of valley.	2	1	NA	1	NA	NA	NA
WFS2	396690	78093	Correlates with marked spring source but given nature of springs (Housed) source unlikely.	NA	NA	NA	NA	NA	NA	NA
WFS3	396636	78140	Ditches from both combs combine at path intersection.	0.7	0.5	NA	0.5	NA	NA	NA
WFS4	396507	78034	Formalised spring location with pipework. Spring flow isolated from water in housing via pipe.	2	2	3	3	0.5	2.5	NA
WFS5	396493	78006	Ditch 10m south of WF S4 where water first appears.	3	0.5	NA	0.2	0.05	0.15	0.05m/s
WFS6	396382	77912	Formalised spring location with pipework, open spring flow from Quarry Combe source. Sample taken and submitted.	2	2	3	3	0.5	2.5	5l/s
WFS7	396372	77889	Flow across path into ditch. Low flow but channel well established.	0.2	0.2	NA	0.05	0.02	0.03	0.05m/s
WFS8	396727	78302	Storage tank for quarry	2.5	2.5	6	2.5	NA	NA	NA
WFS9	396701	78316	Dry ditch at top of valley	4	3	NA	1	NA	NA	NA
WFS10	396356	77844	Old sheep dip at side of track. Valve in L6 to divert water into.	3.5	3.5	3.5	1	0.01	0.99	0.01m/s
WFS11	396358	77834	Ditch flowing at path join	0.7	0.3	NA	0.5	0.05	0.45	0.1m/s
WFS12	396365	77842	Ditch widening towards valley base.	4	3	NA	0.5	0.05	0.45	0.1m/s
WFS13	396213	77733	Conversion of multiple culverts, only one flowing.	NA	NA	NA	NA	NA	NA	0.5l/s
WFS14	395374	77529	Culvert under old bridge.	0.75	0.75	4	0.75	0.01	0.74	0.01m/s
WFS15	395315	77585	Tunnel Entrance. Flow from both sources mixes here.	4	4	4	4	1	3	10l/s
WFS16	395402	77724	One of Westhill Combe source pipes access hatches. Sample taken here and submitted.	1	1	1	0.5	0.1	0.4	5l/s
WFS17	395555	77929	Signs of ephemeral seepage.	1	0.5	1	0.5	NA	NA	NA
WFS18	395440	78215	Old reservoir tank, not in use.	4	4	15	5	1	4	NA
WFS19	394481	78472	Access point next to lake and near to pump house for domestic water supply. Sample taken and submitted.	0.5	0.5	0.5	0.5	0.25	0.25	10l/s
WFS20	394620	78176	Tunnel Exit.	4	4	4	4	1	3	10l/s
WFS21	394710	78483	Storage reservoir for house sprinkler system (repurposed)	4	4	15	5	NA	NA	NA

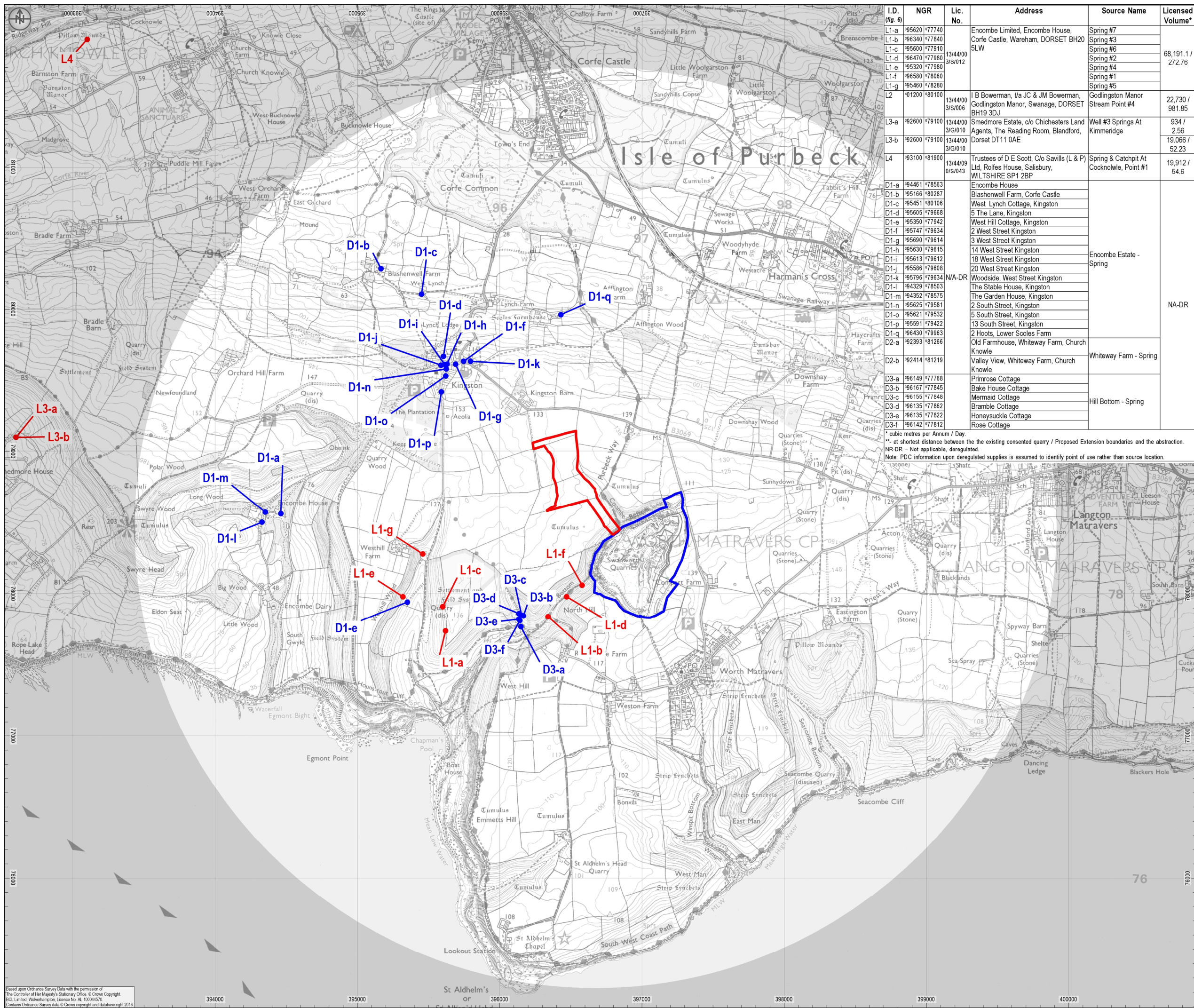


 Current Permission Boundary
 Proposed Extension Boundary


 Suttles Stone Quarries
 Swanworth Quarry
 Worth Matravers, Swanage
 Dorset
 BH19 3LE
 Tel: 01929 439444
 Fax: 01929 439446
 Email: info@suttles.co.uk
 BCL Document Ref. OPL.SSO.Swth.MPS16.F1
 Digital Ref.
 Scaled for Reproduction at: A3L
 Version: 1
 Technology Centre, Wolverhampton Science Park
 Wolverhampton, WV10 9RU
 tel: 01902 824111 fax: 01902 824112
 email: info@bclhydro.co.uk
 www: http://www.bclhydro.co.uk


Suttles Stone Quarries
 Swanworth Quarry, Worth Matravers, Dorset
 Consultation on the Bournemouth, Dorset & Poole Minerals Site Allocation Plan Swanworth Quarry Extension (PK16)
 Preliminary Hydrological & Hydrogeological Risk Assessment
 Preliminary Water Features Survey (BCL, October 2016)
 Drawn By: GC Scale: 1:10,000
 Date: 16/12/16 Figure No. 8


Based upon Ordnance Survey Data with the permission of The Controller of Her Majesty's Stationery Office. © Crown Copyright. BCL Limited, Wolverhampton, Licence No. AL 100044570. Contains Ordnance Survey data © Crown copyright and database right 2016.




I.D. (Fig. 6)	NGR	Lic. No.	Address	Source Name	Licensed Volume*
L1-a	95620 77740		Encombe Limited, Encombe House, Corfe Castle, Wareham, DORSET BH20 5LW	Spring #7	68,191.1 / 272.76
L1-b	96340 77840			Spring #3	
L1-c	95600 77910			Spring #6	
L1-d	96470 77980	13/44/00 3/S/012		Spring #2	
L1-e	95320 77980			Spring #4	
L1-f	96580 78060			Spring #1	
L1-g	95460 78280			Spring #5	
L2	01200 80100	13/44/00 3/S/006	B Bowerman, t/a JC & JM Bowerman, Godlingston Manor, Swanage, DORSET BH19 3DJ	Godlingston Manor Stream Point #4	22,730 / 981.85
L3-a	92600 79100	13/44/00 3/G/010	Smedmore Estate, c/o Chichesters Land Agents, The Reading Room, Blandford, Dorset DT11 0AE	Well #3 Springs At Kimmeridge	934 / 2.56
L3-b	92600 79100	13/44/00 3/G/010			19,066 / 52.23
L4	93100 81900	13/44/09 0/S/043	Trustees of D E Scott, C/o Savills (L & P) Ltd, Rolles House, Salisbury, WILTSHIRE SP1 2BP	Spring & Catchpit At Cocknowle, Point #1	19,912 / 54.6
D1-a	94461 78563		Encombe House	Encombe Estate - Spring	NA-DR
D1-b	95166 80287				
D1-c	95451 80106				
D1-d	95605 79668				
D1-e	95350 77942				
D1-f	95747 79634				
D1-g	95690 79614				
D1-h	95630 79615				
D1-i	95613 79612				
D1-j	95586 79608				
D1-k	95796 79634	NA-DR			
D1-l	94329 78503				
D1-m	94352 78575				
D1-n	95625 79581				
D1-o	95621 79532				
D1-p	95591 79422				
D1-q	96430 79963				
D2-a	92393 81266		Whiteaway Farm - Spring		
D2-b	92414 81219				
D3-a	96149 77768		Hill Bottom - Spring		
D3-b	96167 77845				
D3-c	96155 77848				
D3-d	96135 77862				
D3-e	96135 77822				
D3-f	96142 77812				

* cubic metres per Annum / Day
 ** at shortest distance between the existing consented quarry / Proposed Extension boundaries and the abstraction.
 NR-DR - Not applicable, deregulated.
 Note: PDC information upon deregulated supplies is assumed to identify point of use rather than source location.

 Current Permission Boundary

 Proposed Extension Boundary

 2.5km Radius from combined Boundaries

Suttle Stone Quarries

Suttles Stone Quarries
 Swanworth Quarry
 Worth Matravers, Swanage
 Dorset
 BH19 3LE

Tel: 01929 439444
 Fax: 01929 439446
 Email: info@suttles.co.uk

BCL Document Ref. OPL.SSO.Swh.MPS16.F1
 Digital Ref.
 Scaled for Reproduction at: A3L
 Version 1

 Technology Centre, Wolverhampton Science Park
 Wolverhampton, WV10 9RU
 tel: 01902 824111 fax: 01902 824112
 email: info@bclhydro.co.uk
 www: http://www.bclhydro.co.uk

Suttles Stone Quarries
 Swanworth Quarry, Worth Matravers, Dorset

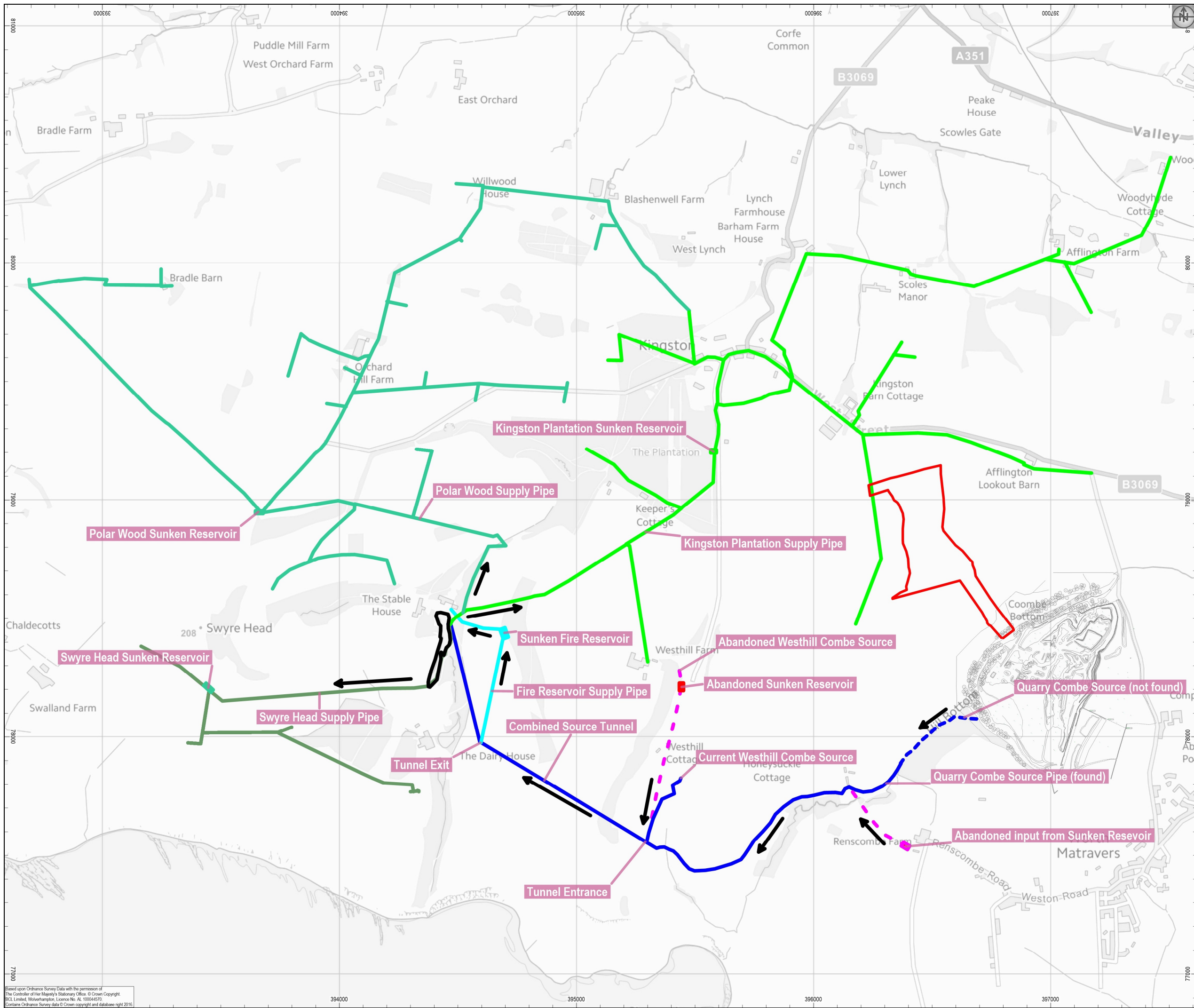
Consultation on the Bournemouth, Dorset & Poole Minerals Site Allocation Plan Swanworth Quarry Extension (PK16)

Preliminary Hydrological & Hydrogeological Risk Assessment

Licensed & Deregulated Abstractions

Drawn By: GC Scale: 1:25,000
 Date: 16/12/16 Figure No. 9

Based upon Ordnance Survey Data with the permission of The Controller of Her Majesty's Stationery Office. © Crown Copyright. BCL Limited, Wolverhampton, Licence No. AL 100044570. Contains Ordnance Survey data © Crown copyright and database right 2016.



 Proposed Extension Boundary



Suttles Stone Quarries
 Swanworth Quarry
 Worth Matravers, Swanage
 Dorset
 BH19 3LE
 Tel: 01929 439444
 Fax: 01929 439446
 Email: info@suttles.co.uk

BCL Document Ref. OPL.SSO.Swth.MPS16.F1
 Digital Ref.
 Scaled for Reproduction at: A3L
 Version 1

	Technology Centre, Wolverhampton Science Park
	Wolverhampton, WV10 9RU
	tel: 01902 824111 fax: 01902 824112
	email: info@bclhydro.co.uk www: http://www.bclhydro.co.uk

Suttles Stone Quarries
 Swanworth Quarry, Worth Matravers, Dorset

Consultation on the Bournemouth, Dorset & Poole Minerals Site Allocation Plan Swanworth Quarry Extension (PK16)

Preliminary Hydrological & Hydrogeological Risk Assessment

Preliminary Schematic Diagram of Encombe Estate Private Water Supply & Distribution Network

Drawn By:	GC	Scale:	1:25,000
Date:	16/12/16	Figure No.:	10

Based upon Ordnance Survey Data with the permission of The Controller of Her Majesty's Stationary Office. © Crown Copyright. BCL Limited, Wolverhampton, Licence No. AL 100044570. Contains Ordnance Survey data © Crown copyright and database right 2016.