

# Appendix A - Strategic Flood Risk Assessment of Sites Promoted for Inclusion in the Draft Mineral Sites Plan

NB – The sites allocated in the Draft Mineral Sites Plan are identified in the table shaded light brown

Site ref	Site Name	Nearest Town	Mineral Type	Site size (ha)	Proposed development	Fluvial Flooding Risk – Flood Zones 1, 2 and 3							Risk of Flooding from Surface Water (1 in 30; 1 in 100 & 1 in 1000 year flood zones)			Sequential Test  Comments & Recommendations
						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%	Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%	
AS01	Binnegar	Wareham	Sand & Gravel	15.38	Extraction of sand and some gravel	15.38	100	0	0	0	0	490	<10% coincidence	<5% coincidence	210m distance from RoFSW	Site is already permitted.
AS06	Great Plantation, Wareham	Wareham	Sand & Gravel	31.68	Extraction of sand and some gravel	31.68	100	0	0	0	0	1km	<10% coincidence	20m distance from RoFSW	20m distance from RoFSW	Site has been reduced in size, and remains entirely within Flood Zone 1.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS08	Horton Heath	Verwood	Sand & Gravel	7.18	Extraction of sand and some gravel	7.18	100	0	0	0	0	200	<10% coincidence	<5% coincidence	<5% coincidence	Site is entirely within Flood Zone 1.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS09	Hurn Court Farm Extension	Christchurch	Sand & Gravel	14.67	Extraction of sand and gravel	14.67	100	0	0	0	0	20	<5% coincidence	<5% coincidence	10m distance from RoFSW	Site is within Flood Zone 1, but close to Flood Zones 2 & 3.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.  Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%	Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%	
																should be located as far from Flood Zones 2 & 3 as reasonably possible.
AS10	Moreton Plantation	Dorchester	Sand & Gravel	188.50	Extraction of sand and some gravel	187.1	99	1.40	0.74	0.70	0	Partly within FRZ2	<40% coincidence	<20% coincidence	<10% coincidence	<p>Site is primarily within Flood Zone 1, and partly within Flood Zone 2.</p> <p>Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 &amp; 3 as reasonably possible.</p>
AS11	Parley Court Phase 3	Christchurch	Sand & Gravel	71.48	Extraction of sand and gravel	14.97	21	56.51	79	52.62	74	Largely within FRZ 2 & 3	<5% coincidence	<10% coincidence	<25% coincidence	<p>Site is partly within Flood Zone 1, but mostly within Flood Zones 2 &amp; 3.</p> <p>Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 &amp; 3 as reasonably possible.</p>

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone (High Risk) RoFSW 0.1%	Coincidence with 1 in 100 year flood zone (Medium Risk) RoFSW 1%	Coincidence with 1 in 1000 year flood zone (Low Risk) RoFSW 3.3%	
AS12	Philliol's Farm, Bere	Wareham	Sand & Gravel	67.36	Extraction of sand and gravel	67.36	100	0	0	0	0	0	<10% coincidence	<5% coincidence	<5% coincidence	<p>Site is within Flood Zone 1, but adjacent to Flood Zones 2 &amp; 3.</p> <p>Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. No processing or material storage is proposed on the site, but if any is to be processed/stored on site, processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 &amp; 3 as reasonably possible.</p>
AS13	Roeshot	Christchurch	Sand & Gravel	74.21	Extraction of sand and gravel	65.26	88	8.95	12	6.31	9	Partly within FRZ 2 & 3	<20% coincidence	<10% coincidence	<5% coincidence	<p>Site is primarily within Flood Zone 1, and partly within Flood Zones 2 &amp; 3.</p> <p>Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 &amp; 3 as reasonably possible.</p>
AS14	Sturminster Marshall - Georges Land	Wimborne	Sand & Gravel	30.85		2.76	9	28.09	91	28.09	91	Mostly within FRZ 2 & 3	<30% coincidence	<10% coincidence	<5% coincidence	<p>Site is partly within Flood Zone 1, but mostly within Flood Zones 2 &amp; 3.</p> <p>Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that</p>

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%		Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%
															<p>does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 &amp; 3 as reasonably possible.</p>	
AS14 (b)	Sturminster Marshall	Wimborne	Sand & Gravel	17.97		0	0	17.97	100	17.97	100	Within FRZ2	<30% coincidence	<10% coincidence	<5% coincidence	<p>Site is entirely within Flood Zones 2 &amp; 3.</p> <p>Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening</p> <p>Sand and gravel extraction is water compatible, so extraction here is suitable in flood risk terms.</p> <p>Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and not in Flood Zone 3, and preferably not in Flood Zone 2</p>
AS14(a)	Sturminster Marshall	Wimborne	Sand & Gravel	29.55		0	0	29.55	100	29.55	100	Within FRZ2	<20% coincidence	<5% coincidence	710m distance from RoFSW	<p>Since this site currently does not include any land outside of Flood Zones 2 &amp; 3, it is not currently considered suitable for allocation in the Draft Mineral Sites Plan.</p>

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone (High Risk) RoFSW 0.1%	Coincidence with 1 in 100 year flood zone (Medium Risk) RoFSW 1%		Coincidence with 1 in 1000 year flood zone (Low Risk) RoFSW 3.3%
AS15	Tatchell's	Wareham	Sand & Gravel	2.52		2.52	100	0	0	0	0	170	<10% coincidence	<10% coincidence	100m distance from RoFSW	Site is entirely within Flood Zone 1.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS19	Woodsford Farm, Woodsford	Dorchester	Sand & Gravel	106.16		103.8	98	2.36	2	1.56	1	Partly within Flood Zones 2 & 3	<10% coincidence	<5% coincidence	<5% coincidence	Site is primarily within Flood Zone 1, and partly within Flood Zones 2 & 3.  Some slight risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.  Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 & 3 as reasonably possible.
AS21	Came Home Farm	Dorchester	Sand & Gravel	10.00		5.46	55	4.54	45	4.08	41	Partly within Flood Zones 2 & 3	<10% coincidence	<10% coincidence	20m distance from RoFSW	Site is within Flood Zones 1, 2 & 3.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.  Climate Change predictions may result in flood outlines greater than existing Flood Zone 2.

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%	Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%	
																No processing or material storage is proposed on the site, but if any is to be processed/stored, processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 & 3 as reasonably possible.
AS22	Trigon Hill Extension	Wareham	Sand & Gravel	26.00		26.00	100	0	0	0	0	850	<10% coincidence	90m distance from RoFSW	90m distance from RoFSW	Site is entirely within Flood Zone 1. Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS23	Gore Heath	Wareham	Sand & Gravel	144.95		144.95	100	0	0	0	0	40	<10% coincidence	<10% coincidence	<20% coincidence	Site is entirely within Flood Zone 1. Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS24	Purple Haze South	Verwood	Sand & Gravel	43.26		43.26	100	0	0	0	0	320	<10% coincidence	<5% coincidence	<5% coincidence	Site is entirely within Flood Zone 1. Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone (High Risk) RoFSW 0.1%	Coincidence with 1 in 100 year flood zone (Medium Risk) RoFSW 1%	Coincidence with 1 in 1000 year flood zone (Low Risk) RoFSW 3.3%	
AS25	Station Road, Moreton	Dorchester	Sand & Gravel	61.08		61.08	100	0	0	0	0	650	<20% coincidence	<10% coincidence	<10% coincidence	Site is entirely within Flood Zone 1.  Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS26	Hurst Farm, Moreton	Dorchester	Sand & Gravel	77.66		67.25	87	10.41	13	8.31	11	Partly within FRZ2	<25% coincidence	<10% coincidence	<10% coincidence	Site is mostly within Flood Zone 1, and partly within Flood Zones 2 & 3.  Some risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.  Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 & 3 as reasonably possible.
AS27	Redman's Hill		Sand & Gravel	18.60		18.60	100	0	0	0	0	440	20m distance from RoFSW	20m distance from RoFSW	20m distance from RoFSW	Site is entirely within Flood Zone 1.  Little or no risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage.  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
AS28a	Gallows Hill - area A	Wareham	Sand & Gravel	9.24		9.24	100	0	0	0	0	1.1 km	<10% coincidence	<10% coincidence	<5% coincidence	Site is entirely within Flood Zone 1.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone (High Risk) RoFSW 0.1%	Coincidence with 1 in 100 year flood zone (Medium Risk) RoFSW 1%		Coincidence with 1 in 1000 year flood zone (Low Risk) RoFSW 3.3%
															management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.	
AS28b	Gallows Hill - area B	Wareham	Sand & Gravel	107.48		107.48	100	0	0	0	0	20	<10% coincidence	<10% coincidence	<5% coincidence	Site is within Flood Zone 1, but very close to Flood Zones 2 & 3.  Some theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Sand and gravel extraction is water compatible, so suitable in flood risk terms for allocation in Draft Mineral Sites Plan.  Climate Change predictions may result in flood outlines greater than existing Flood Zone 2. Any processing plant/storage/stockpiles should preferably be located in Flood Zone 1, and should be located as far from Flood Zones 2 & 3 as reasonably possible.
BC04	Trigon Hill Extension	Wareham	Ball Clay	26.00	Ball clay extraction	26.00	100	0	0	0	0	815	<10% coincidence	0% coincidence	0% coincidence	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BC05	Holme Heath, Wareham	Wareham	Ball Clay	14.23		14.23	100	0	0	0	0	600	<10% coincidence	<5% coincidence	<5% coincidence	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.



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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone (High Risk) RoFSW 0.1%	Coincidence with 1 in 100 year flood zone (Medium Risk) RoFSW 1%		Coincidence with 1 in 1000 year flood zone (Low Risk) RoFSW 3.3%
BC06	Woolsbarrow	Wareham	Ball Clay	18.33		18.33	100	0	0	0	0	200	10m distance from RoFSW	10m distance from RoFSW	40m distance from RoFSW	Site is entirely within Flood Zone 1. No theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BS01	Manor Farm, Melbury	Melbury Abbas, Shaftesbury	Building Stone	4.20		4.20	100	0	0	0	0	410	<10% coincidence	<5% coincidence	<5% coincidence	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BS02	Marnhull (Whiteways Lane)	Marnhull	Building Stone	2.32		2.32	100	0	0	0	0	260	5m distance from RoFSW	5m distance from RoFSW	20m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BS03	Sloes Hill, Symondsburry	Bridport	Building Stone	3.93		3.93	100	0	0	0	0	270	10m distance from RoFSW	10m distance from RoFSW	10m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BS04	Frogden Quarry	Sherborne	Building Stone	2.20		2.20	100	0	0	0	0	480	50m distance from RoFSW	50m distance from RoFSW	50m distance from RoFSW	Site is entirely within Flood Zone 1.

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BS05	Whithill Quarry extn	Sherborne	Building Stone	5.88		5.88	100	0	0	0	0	1.7km	10m distance from RoFSW	40m distance from RoFSW	70m distance from RoFSW	Site is entirely within Flood Zone 1.  No theoretical risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
BS06	Redlands Quarry, Todber	Marnhull	Building Stone	2.05		2.05	100	0	0	0	0	940	<5% coincidence	10m distance from RoFSW	300m distance from RoFSW	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK02	Blacklands	Langton Matravers	Purbeck stone	1.33		1.33	100	0	0	0	0	940	7m distance from RoFSW	20m distance from RoFSW	240m distance from RoFSW	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK08	Quarr Farm (Stone)	Langton Matravers	Purbeck stone	3.28		3.28	100	0	0	0	0	1.3km	<5% coincidence	30m distance from RoFSW	30m distance from RoFSW	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific

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																strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK10	Southard Quarry	Swanage	Purbeck stone	0.33		0.33	100	0	0	0	0	700	80m distance from RoFSW	100m distance from RoFSW	110m distance from RoFSW	Site is entirely within Flood Zone 1.  Virtually no risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK11	St Aldhelm's Quarry	Swanage	Purbeck stone	0.65		0.65	100	0	0	0	0	552	30m distance from RoFSW	140m distance from RoFSW	140m distance from RoFSW	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK15	Downs Quarry Extension	Langton Matravers	Purbeck stone	0.60		0.60	100	0	0	0	0	1.7km	<5% coincidence	20m distance from RoFSW	25m distance from RoFSW	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening  Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK16	Swanworth Quarry extension	Worth Matravers	Aggregate	13.45		13.45	100	0	0	0	0	1km	<5% coincidence	<5% coincidence	<10% coincidence	Site is entirely within Flood Zone 1.  Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening

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						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%		Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%
															Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.	
PK17	Home Field, Worth Matravers	Worth Matravers	Purbeck stone	8.35		8.35	100	0	0	0	0	950	1m distance from RoFSW	1m distance from RoFSW	15m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK18	Quarry 4 extension	Worth Matravers	Purbeck stone	1.30		1.30	100	0	0	0	0	1km	50m distance from RoFSW	150m distance from RoFSW	280m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK19	Broadmead Field	Langton Matravers	Purbeck stone	9.65		9.65	100	0	0	0	0	1.6km	<5% coincidence	<5% coincidence	<5% coincidence	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PK20	Crack Lane	Langton Matravers	Purbeck stone	0.42		0.42	100	0	0	0	0	53	<40% coincidence	<40% coincidence	<50% coincidence	Site is entirely within Flood Zone 1. Higher risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.

Site ref	Site Name	Nearest Town	Mineral Type	Site size (ha)	Proposed development	Fluvial Flooding Risk – Flood Zones 1, 2 and 3						Risk of Flooding from Surface Water (1 in 30; 1 in 100 & 1 in 1000 year flood zones)			Sequential Test  Comments & Recommendations	
						FRZ1 ha	FRZ1 %	FRZ2 ha	FRZ2 %	FRZ3 ha	FRZ3 %	Proximity of site to FZ 2 & 3 (metres)	Coincidence with 1 in 30 year flood zone <b>(High Risk)</b> RoFSW 0.1%	Coincidence with 1 in 100 year flood zone <b>(Medium Risk)</b> RoFSW 1%		Coincidence with 1 in 1000 year flood zone <b>(Low Risk)</b> RoFSW 3.3%
PK21	Gallows Gore, Worth Matravers	Worth Matravers	Purbeck stone	5.20		5.20	100	0	0	0	0	1.3km	1m distance from RoFSW	30m distance from RoFSW	60m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PS01	Bowers Mine (Playing fields)	Easton, Portland	Portland Stone	2.62		2.62	100	0	0	0	0	480	<5% coincidence	30m distance from RoFSW	40m distance from RoFSW	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water – proposed allocation is for mining. Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
PS02	Perryfield Gap, Portland	Easton, Portland	Portland Stone	1.73		1.73	100	0	0	0	0	740	<30% coincidence	<20% coincidence	<20% coincidence	Site is entirely within Flood Zone 1. Limited risk of flooding from surface water. Flood Risk Assessment would be required at planning application stage, with a site specific strategy for surface water management that does not increase rates of runoff or generate off site worsening Suitable in flood risk terms for allocation in Draft Mineral Sites Plan.
RA01	Whites Pit	Poole	Recycled Aggregate	6.16		6.16	100	0	0	0	0	690	<20% coincidence	<5% coincidence	<5% coincidence	Site is already permitted and developed.