



		Grid Coordina	tes																	
GCR	Assessment Location	(ITM)	les	Construction Details			Surface Water				Groundwater / Bedro	ock Aquifer		· ·	Groundwater / Wells / Abstract	i <mark>on</mark>	Designated Are	eas		Assessment Graphics / Comment
				Annrovimat						Potential		Excavation in or								
	Assessment		Type of Crossir	Construction	on	Receptor Category				Depth to Bedrock (acc.		near Bedrock (In line with GSI			GW Abstractio Groundwater Source	ce				
P Connection County	Location	Easting Northi	Constru	Drilling) Depth F	Relative SW 50n	m (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	To GSI categories)	GW Aquifer Type	mapped Aquifer Vulnerability)		Distance to Karst r		SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ? M	an Tile Number	Comments & MITIGATION MEASURES
Jule (BOIN)		ITM ITM	ng /touvity	mbGL	50m	ти в тарроа)	TATVOT BUSINES	Cascatorimonto	Valiforability		- Tipe	Valiforability)	Trai of Zoill Ballol	2	250m	Builer	Barror			
											Locally Important Aquifer - Bedrock which is						1			ELEVATED RISK
Connection Route Clare	0 IPP 25m intervals		0679.11 Shallow E		No	NA NA	BROADFORD_030	Owenogarney_SC_010	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA NA	5368.87 N	No No	No	No	No		Excavation works could potentially encounter bedroe ELEVATED RISK
Connection Route Clare  Connection Route Clare	25 IPP 25m intervals 50 IPP 25m intervals		0654.93 Shallow E		No No	NA NA	BROADFORD_030  BROADFORD_030	Owenogarney SC 010	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5388.52 N 5406.73 N	NO NO	No No	No No	No		Excavation works could potentially encounter bedroe ELEVATED RISK Excavation works could potentially encounter bedroe
Connection Route Clare	75 IPP 25m intervals		0609.09 Shallow E		No	NA	BROADFORD_030	Owenogarney_SC_010 Owenogarney_SC_010	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5406.73		No	No	No		ELEVATED RISK  Excavation works could potentially encounter bedroe
Connection Route Clare	100 IPP 25m intervals		0587.78 Shallow E		No	NA	BROADFORD_030	Owenogarney_SC_010	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5437.53 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
Connection Route Clare	125 IPP 25m intervals	557753.13 670	9566.85 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5451.57 N	lo No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
Connection Route Clare	150 IPP 25m intervals	557743.20 670	0544.22 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5468.68 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
Connection Route Clare	175 IPP 25m intervals	557736.48 670	520.14 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5488.41 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
Connection Route Clare	200 IPP 25m intervals	557729.76 670	9496.06 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)  Rock near surface or	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5508.18 N	No No	No	No	No		Excavation works could potentially encounter bedro
Connection Route Clare	225 IPP 25m intervals	557723.05 670	9471.98 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	karst (X)  Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5528.00 N	No No	No	No	No		Excavation works could potentially encounter bedro
Connection Route Clare	250 IPP 25m intervals		9447.90 Shallow E		No	NA NA	BROADFORD_030	Owenogarney_SC_010	karst (X) Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5547.86 N		No	No	No		Excavation works could potentially encounter bedro
Connection Route Clare	275 IPP 25m intervals		9423.82 Shallow E		No	NA NA	BROADFORD_030	Owenogarney_SC_010	karst (X)  Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA NA	5567.76 N		No	No	No		Excavation works could potentially encounter bedro
Connection Route Clare Connection Route Clare	300 IPP 25m intervals 325 IPP 25m intervals		0399.74 Shallow E		No.	NA	BROADFORD_030  BROADFORD_030	Owenogarney_SC_010 Owenogarney_SC_010	Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5607.68		No.	No No	No		Excavation works could potentially encounter bedree ELEVATED RISK Excavation works could potentially encounter bedre
Connection Route Clare	350 IPP 25m intervals		0351.58 Shallow E		No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5627.70		No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
onnection Route Clare	375 IPP 25m intervals	557682.75 670	0327.49 Shallow E	xcavation 1.2	No	NA	BROADFORD_030	Owenogarney_SC_010	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5647.76 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedr
onnection Route Clare	400 IPP 25m intervals	557679.12 670	303.27 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5669.09 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedi
onnection Route Clare	425 IPP 25m intervals	557673.01 670	279.03 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5689.59 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
Connection Route Clare	450 IPP 25m intervals	557667.56 670	254.63 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5710.50 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare	475 IPP 25m intervals	557662.34 670	230.18 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5731.57 N	No No	No	No	No		Excavation works could potentially encounter bed
Connection Route Clare	500 IPP 25m intervals	557657.11 670	205.74 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5752.67 N	No No	No	No	No		Excavation works could potentially encounter bed
Connection Route Clare	525 IPP 25m intervals		0181.23 Shallow E		No	NA NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5773.95 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare	550 IPP 25m intervals		156.67 Shallow E		No	NA NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA NA	5795.43 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
onnection Route Clare  Onnection Route Clare	575 IPP 25m intervals 600 IPP 25m intervals		0132.10 Shallow E		No	NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)  Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA NA	5816.94 N 5838.47 N	No No	No	No No	No		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare	625 IPP 25m intervals		0082.96 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5860.04	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed
nnection Route Clare	650 IPP 25m intervals		0058.39 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5881.63 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
nnection Route Clare	675 IPP 25m intervals	557627.60 670	0033.44 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5904.67 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare	700 IPP 25m intervals	557625.93 670	0008.51 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5927.64 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
nnection Route Clare	725 IPP 25m intervals	557623.48 669	983.63 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5950.31 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed ELEVATED RISK
nnection Route Clare	750 IPP 25m intervals	557621.03 669	958.75 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5973.00 N	No No	No	No	No		Excavation works could potentially encounter bed
onnection Route Clare	775 IPP 25m intervals	557618.64 669	933.86 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5995.73 N	No No	No	No	No		Excavation works could potentially encounter bed
Connection Route Clare	800 IPP 25m intervals		9908.97 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6018.52 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare	825 IPP 25m intervals		9884.07 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6041.33 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare Connection Route Clare	850 IPP 25m intervals 875 IPP 25m intervals		9859.18 Shallow E		No No	NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)  Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA NA	6064.16 N	No No	No No	No No	No		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
Connection Route Clare	900 IPP 25m intervals		9809.39 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6109.86	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed
Connection Route Clare	925 IPP 25m intervals		9784.49 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6132.84	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
Connection Route Clare	950 IPP 25m intervals	557606.40 669	9759.52 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6156.92 N	lo No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare	975 IPP 25m intervals	557607.61 669	9734.55 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6181.00 N	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed
onnection Route Clare	1000 IPP 25m intervals	557608.83 669	9709.58 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6205.09 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed ELEVATED RISK
onnection Route Clare	1025 IPP 25m intervals	557610.04 669	9684.61 Shallow E.	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)  Rock near surface or	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6229.18 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare	1050 IPP 25m intervals	557611.25 669	9659.64 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	karst (X)  Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6253.29 N	No No	No	No	No		Excavation works could potentially encounter bed
Connection Route Clare	1075 IPP 25m intervals		9634.67 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	karst (X)  Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6277.40 N	110	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
Connection Route Clare	1100 IPP 25m intervals		9609.90 Shallow E		No	NA NA	MOUNTRICE_010	Shannon[Lower]_SC_100	karst (X)  Rock near surface or	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Likely	NA NA	6301.90 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
onnection Route Clare onnection Route Clare	1125 IPP 25m intervals 1150 IPP 25m intervals		0585.24 Shallow E		No	NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	karst (X)  Rock near surface or karst (X)	<1m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6326.63 N	NO NO	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare  onnection Route Clare	1150 IPP 25m intervals  1175 IPP 25m intervals		9560.58 Shallow E		No	NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6351.35 N 6376.08 N	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed  Excavation works could potentially encounter bed
onnection Route Clare  Clare	1200 IPP 25m intervals		9535.92 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	Likely	NA	6400.81 N	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed  Excavation works could potentially encounter bed
onnection Route Clare	1225 IPP 25m intervals		9486.61 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	Likely	NA	6425.55 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
nnection Route Clare	1250 IPP 25m intervals	557641.99 669	9462.32 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones	Likely	NA	6450.45 N	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed
nnection Route Clare	1275 IPP 25m intervals	557648.58 669	9438.21 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6475.43 N	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bed ELEVATED RISK
nnection Route Clare	1300 IPP 25m intervals	557654.21 669	9413.85 Shallow E.	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Rock near surface or karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6500.34 N	No No	No	No	No		EXECUTED RISK  Excavation works could potentially encounter bed  ELEVATED RISK
nection Route Clare	1325 IPP 25m intervals	557659.83 669	389.49 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6525.25 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
nnection Route Clare	1350 IPP 25m intervals		364.98 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	6550.09 N	No No	No	No	No		Excavation works could potentially encounter been ELEVATED RISK
nection Route Clare	1375 IPP 25m intervals	33.333.33	340.45 Shallow E		No	NA NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Likely	NA NA	6574.93 N	No No	No	No	No		Excavation works could potentially encounter be ELEVATED RISK  Excavation works could potentially encounter be
nnection Route Clare	1400 IPP 25m intervals  1425 IPP 25m intervals		9315.93 Shallow E		No	NΔ	MOUNTRICE_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NΔ	6599.77 N 6624.62 N	NO NO	No	No.	No		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare onnection Route Clare	1425 IPP 25m intervals  1450 IPP 25m intervals		0291.41 Shallow E		No	NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)  Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6624.62 N	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
onnection Route Clare  onnection Route Clare	1450 IPP 25m Intervals		9266.89 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	6674.44		No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed  Excavation works could potentially encounter bed
onnection Route Clare	1500 IPP 25m intervals		2219.69 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6699.39 N	No No	No	No	No		,
onnection Route Clare	1525 IPP 25m intervals	557710.28 669	9196.68 Shallow E	xcavation 1.2	No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6724.29 N	No No	No	No	No		
onnection Route Clare	1550 IPP 25m intervals		9173.66 Shallow E		No	NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6749.19 N	No No	No	No	No		
onnection Route Clare	1575 IPP 25m intervals		0150.65 Shallow E		No	NA NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6774.09 N		No	No	No		
nnection Route Clare	1600 IPP 25m intervals 1625 IPP 25m intervals		0127.63 Shallow E		No.	NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA	6798.99 N	NO NO	No	No	No		
Ulai C	1020 II I ZOIII IIILEI VAIS	55.7-75.52 608	. J J J J J J J J	1.2	140		55111110E_010	5		J 13 5111	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely		6848.80						



File Ref: 604569-Geo-R03-App10.4-(00)-Baselin	Assessment Location	Grid Coordinates (ITM)	Construc	ction Details		Surface Water			Groundwat	r / Bedrock Aquifer		Groundwater / Wells / Abstraction	n [	Designated Areas	Assessment Graphics / Comment
	Assessment		Type of Water Crossing /	Approximate Construction Depth (Excavation /	Receptor Category				Potential Depth to Bedrock (acc.	Excavation in or near Bedrock (In line with GSI		GW Abstractio Groundwater Source			
Row IPP Connection Route (GCR) County	Location Location Category	Easting Northing	Construction Activity	Drilling) Depth Relative	SW 50m (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	To GSI categories) GW Aquifer Type	mapped Aquifer Vulnerability)  Karst 25m buff	Distance to Karst Feature	n 250m Protection Area Buffer NFGWS	SAC 50m Buffer	SPA 50m Within SAC / SPA / NHA ? Map Tile Number	Comments & MITIGATION MEASURES
				IIII					Locally Important Aquifer - Bedroc	which is					
68 IPP Connection Route Clare 69 IPP Connection Route Clare	1675 IPP 25m intervals 1700 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc Moderately Productive only in Local	Zones Not likely NA which is	6873.68 6897.95		No No	No No No	
70 IPP Connection Route Clare	1725 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	Locally Important Aquifer - Bedroc  3 to 5m  Moderately Productive only in Loca  Locally Important Aquifer - Bedroc	which is Zones Not likely NA	6922.21	No No	No	No No	
71 IPP Connection Route Clare 72 IPP Connection Route Clare	1750 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc Moderately Productive only in Local	Zones Not likely NA which is	6946.49 6970.76		No	No No	
73 IPP Connection Route Clare	1800 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	Locally Important Aquifer - Bedroc Moderately Productive only in Loca Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc	which is Zones Not likely NA	6995.05		No	No No	
74 IPP Connection Route Clare 75 IPP Connection Route Clare	1825 IPP 25m intervals 1850 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc  5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7019.33 7043.63		No No	No No No	
76 IPP Connection Route Clare	1875 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc  5 to 10m  Moderately Productive only in Local  Locally Important Aquifer - Bedroc	which is Zones Not likely NA	7067.92		No	No No	
77 IPP Connection Route Clare 78 IPP Connection Route Clare	1900 IPP 25m intervals 1925 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc Moderately Productive only in Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7092.23 7116.67		No	No No	
79 IPP Connection Route Clare	1950 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	7110.87		No	No No	
80 IPP Connection Route Clare	1975 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc  Moderately Productive coloring to the second coloring to the secon	Zones Not likely NA which is	7166.08		No	No No	
81 IPP Connection Route Clare  82 IPP Connection Route Clare	2000 IPP 25m intervals 2025 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroom Moderately Productive only in Local Local Moderately Productive	which is Zones Not likely NA	7190.55 7214.95		No	No No	
83 IPP Connection Route Clare	2050 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7239.36		No	No No	
84 IPP Connection Route Clare  85 IPP Connection Route Clare	2075 IPP 25m intervals 2100 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA NO NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local Control of the C	which is	7264.04 7288.72		No No	No No No	
86 IPP Connection Route Clare	2125 IPP 25m intervals	557996.66 668670.80	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc	Zones Not likely NA	7313.40		No	No No	
87 IPP Connection Route Clare 88 IPP Connection Route Clare	2150 IPP 25m intervals 2175 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Important - Bedroc Importan	Zones Not likely NA which is	7338.17 7363.04		No	No No No	
89 IPP Connection Route Clare	2200 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc  5 to 10m  Moderately Productive only in Loca  Locally Important Aquifer - Bedroc	which is Zones Not likely NA	7387.95		No	No No	
90 IPP Connection Route Clare 91 IPP Connection Route Clare	2225 IPP 25m intervals 2250 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive Only Moderately Productive	Zones Not likely NA which is	7412.91 7437.87		No No	No No No	
92 IPP Connection Route Clare	2275 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010			Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	7462.88		No	No No	
93 IPP Connection Route Clare	2300 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc  Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7487.88		No	No No	
94 IPP Connection Route Clare 95 IPP Connection Route Clare	2325 IPP 25m intervals 2350 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Control of the Inc. 10 to 10	which is Zones Not likely NA	7472.87 7448.38		No	No No No	
96 IPP Connection Route Clare	2375 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7423.89		No	No No	
97 IPP Connection Route Clare  98 IPP Connection Route Clare	2400 IPP 25m intervals 2425 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA NO NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Control of the Inc. 10 to 10	which is	7399.40 7374.92		No No	No No No	
99 IPP Connection Route Clare	2450 IPP 25m intervals	558112.47 668367.47	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Locally Important Aquifer - Bedroc	Zones Not likely NA	7350.44	No No	No	No No	
100 IPP Connection Route Clare  101 IPP Connection Route Clare	2475 IPP 25m intervals 2500 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Local Local Moderately Productive only in Local Loca	which is	7325.97 7301.50		No No	No No No	
102 IPP Connection Route Clare	2525 IPP 25m intervals	558137.05 668296.61	Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	7277.03	No No	No	No No	ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
103 IPP Connection Route Clare	2550 IPP 25m intervals		Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7253.13		No	No No	Works will be carried out within SW Buffer Zone  ELEVATED RISK
104 IPP Connection Route Clare  105 IPP Connection Route Clare	2575 IPP 25m intervals 2600 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	Yes MOUNTRICE_010  Yes MOUNTRICE 010	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Control of the Inc. 10 to 10	which is	7229.36 7205.60		No No	No No No	Works will be carried out within SW Buffer Zone  ELEVATED RISK  Works will be carried out within SW Buffer Zone
106 IPP Connection Route Clare	Crossing No. 48A (IPI	558154.70 668222.56	Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	7205.60	No No	No	No No	ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
107 IPP Connection Route Clare	2625 IPP 25m intervals		Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc	Zones Not likely NA which is	7181.75		No	No No	Works will be carried out within SW Buffer Zone  ELEVATED RISK
108 IPP Connection Route Clare  109 IPP Connection Route Clare	2650 IPP 25m intervals 2675 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	Yes MOUNTRICE_010  No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local Control of the C	which is	7157.69 7133.63		No No	No No No	Works will be carried out within SW Buffer Zone
110 IPP Connection Route Clare	2700 IPP 25m intervals	558180.49 668127.15	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Locally Important Aquifer - Bedroc	Zones Not likely NA	7109.58	No No	No	No No	
111 IPP Connection Route Clare  112 IPP Connection Route Clare	2725 IPP 25m intervals 2750 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Local Moderately Productive only in Local Loca	which is	7085.54 7061.50		No No	No No No	
113 IPP Connection Route Clare	2775 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc  5 to 10m  Moderately Productive only in Local  Locally Important Aquifer - Bedroc	which is Zones Not likely NA	7037.60		No	No No	
114 IPP Connection Route Clare  115 IPP Connection Route Clare	2800 IPP 25m intervals 2825 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc  Locally Important Aquifer - Bedroc  Moderately Productive only in Local	Zones Not likely NA which is	7013.82 6990.04		No	No No	
116 IPP Connection Route Clare	2850 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	6966.27		No	No No	
117 IPP Connection Route Clare  118 IPP Connection Route Clare	2875 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100		Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local	Zones Not likely NA which is	6942.51		No	No No	
118 IPP Connection Route Clare  119 IPP Connection Route Clare	2900 IPP 25m intervals  Crossing No. 47A (IPF		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroo Moderately Productive only in Local Locally Important Aquifer - Bedroo Locally Important Aquifer - Bedroo	which is Zones Not likely NA	6918.76 6918.76		No	No No	
120 IPP Connection Route Clare	2925 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc  5 to 10m  Moderately Productive only in Local  Locally Important Aquifer - Bedroc  Moderately Productive only in Local  Moderately Productive only in Local	Zones Not likely NA which is	6895.01		No	No No	
121 IPP Connection Route Clare  122 IPP Connection Route Clare	2950 IPP 25m intervals 2975 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Inc.	which is Zones Not likely NA	6871.28 6847.56		No	No No	
123 IPP Connection Route Clare	3000 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100		Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc	which is Zones Not likely NA which is	6823.84		No	No No	
124 IPP Connection Route Clare 125 IPP Connection Route Clare	3025 IPP 25m intervals 3050 IPP 25m intervals	558257.01     667811.51       558259.11     667786.59	Shallow Excavation  Shallow Excavation	1.2	No NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100		5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Productive only in Local Local Productiv	which is	6801.05 6778.88		No No	No No No	
126 IPP Connection Route Clare	3075 IPP 25m intervals	558261.20 667761.68	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc	which is Zones Not likely NA which is	6756.72	No No	No	No No	
127 IPP Connection Route Clare  128 IPP Connection Route Clare	3100 IPP 25m intervals 3125 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Moderately Productive only in Local Important Aquifer - Bedroc Important - Bedroc Importan	Zones Not likely NA which is	6734.59 6712.48		No	No No No	
129 IPP Connection Route Clare	3150 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc  5 to 10m  Moderately Productive only in Local  Locally Important Aquifer - Bedroc	which is Zones Not likely NA	6690.38		No	No No	
130 IPP Connection Route Clare  131 IPP Connection Route Clare	3175 IPP 25m intervals 3200 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc Moderately Productive only in Local	Zones Not likely NA which is	6668.31 6646.26		No	No No	
131 IPP Connection Route Clare  132 IPP Connection Route Clare	3200 IPP 25m Intervals 3225 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	moderate (m)	Locally Important Aquifer - Bedroc 5 to 10m Moderately Productive only in Local	which is Zones Not likely NA	6624.08		No	No No	
133 IPP Connection Route Clare	3250 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local Locally Important Aquifer - Bedroc  Moderately Productive only in Local  Moderately Productive only in Local	Zones Not likely NA which is	6601.92		No	No No	
134 IPP Connection Route Clare  135 IPP Connection Route Clare	3275 IPP 25m intervals 3300 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroom Moderately Productive only in Local Local Moderately Productive	which is Zones Not likely NA	6579.79 6557.67		No	No No	
136 IPP Connection Route Clare	3325 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Locally Important Aquifer - Bedroc Locally Important Aquifer - Bedroc	Zones Not likely NA which is	6535.39		No	No No	
137 IPP Connection Route Clare  138 IPP Connection Route Clare	3350 IPP 25m intervals 3375 IPP 25m intervals		Shallow Excavation Shallow Excavation	1.2	No NA NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m Moderately Productive only in Local Locally Important Aquifer - Bedroc Moderately Productive only in Local Moderately Productive only in Local Control on the Control of the Control of the Control on the Cont	which is Zones Not likely NA	6512.95 6490.52		No No	No No	
139 IPP Connection Route Clare	3400 IPP 25m intervals	558293.72 667438.37	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	Locally Important Aquifer - Bedroc 5 to 10m  Moderately Productive only in Local	which is	6468.12		No	No No	Page 2 d
RSK Ireland									604569 Oatfield IPP Connections Database						Page 2 d



File Ref: 604569-Geo-R03-App10.4-(00)-Baseline Database - IPP Connection Route

GCR	Assessment Location	Grid Coordinates (ITM)	Constru	iction Details		Surface Water				Groundwater / Bedr	ock Aquifer			Groundwater / Wells / Ab	straction	Designated Ar	eas	Assessment Graphics / Comment
IPP Connection	Assessment Location		Type of Water Crossing / Construction	Approximate Construction Depth (Excavation / Drilling) Depth Relative	Receptor Category (Mapped river = EPA /			Aquifer	Potential Depth to Bedrock (acc. To GSI		Excavation in or near Bedrock (In line with GSI mapped Aquifer			GW Abstractio Groundwater n 250m Protection A		SPA 50m	Within SAC /	
Route (GCR) County		Easting Northing	Activity	to Ground Level)  mbGL	Buffer WFD mapped) 50m	River basins	Subcatchments	Vulnerability		GW Aquifer Type	Vulnerability)	Karst 25m buffer		Buffer NFGWS	Buffer	Buffer	SPA / NHA ? Map Tile Number	Comments & MITIGATION MEASURES
										Locally Important Aquifer - Bedrock which is								
PP Connection Route Clare PP Connection Route Clare	3425 IPP 25m intervals 3450 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	6445.93		No	No	No No	
P Connection Route Clare	3475 IPP 25m intervals		75 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6402.01	No No	No	No	No	
Connection Route Clare	3500 IPP 25m intervals	558303.57 667338.8	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6380.09	No No	No	No	No	ELEVATED DIOK
PP Connection Route Clare	3525 IPP 25m intervals	558305.92 667313.9	Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6358.18	No No	No	No	No	ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
PP Connection Route Clare	3550 IPP 25m intervals	558308.28 667289.0	Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6336.31	No No	No	No	No	Works will be carried out within SW Buffer Zone  ELEVATED RISK
PP Connection Route Clare	3575 IPP 25m intervals	558311.14 667264.2	Shallow Excavation Horizontal Directional	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6314.21	No No	No	No	No	Works will be carried out within SW Buffer Zone ELEVATED RISK
PP Connection Route Clare	Crossing No. 43A (IP	P 558311.88 667258.4			Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6314.21		No	No	No	Works will be carried out within SW Buffer Zone ELEVATED RISK
PP Connection Route Clare PP Connection Route Clare	3600 IPP 25m intervals 3625 IPP 25m intervals		5 Shallow Excavation  Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	6291.99		No	No	No No	Works will be carried out within SW Buffer Zone
PP Connection Route Clare	3650 IPP 25m intervals		2 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6248.16		No	No	No	
PP Connection Route Clare	3675 IPP 25m intervals	558322.05 667164.8	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6226.30	No No	No	No	No	
PP Connection Route Clare	3700 IPP 25m intervals	558324.61 667139.9	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6204.46	No No	No	No	No	
IPP Connection Route Clare	3725 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6182.97		No	No	No	
PP Connection Route Clare PP Connection Route Clare	3750 IPP 25m intervals 3775 IPP 25m intervals		2 Shallow Excavation 21 Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m 5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA NA	6161.55		No No	No No	No No	
PP Connection Route Clare	3800 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6118.27		No	No	No	
PP Connection Route Clare	3825 IPP 25m intervals	558335.67 667015.4	9 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6096.51	No No	No	No	No	
IPP Connection Route Clare	3850 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6075.23		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	3875 IPP 25m intervals 3900 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA	6054.11		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	3900 IPP 25m intervals  3925 IPP 25m intervals		3 Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100		5 to 10m 5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	6032.15		No	No	No	
IPP Connection Route Clare	3950 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5988.32		No	No	No	
IPP Connection Route Clare	3975 IPP 25m intervals	558351.32 666866.3	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5966.67	No No	No	No	No	
IPP Connection Route Clare	4000 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5945.04		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	4025 IPP 25m intervals 4050 IPP 25m intervals		Shallow Excavation  4 Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)  Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	5923.61 5902.35		No No	No	No No	
IPP Connection Route Clare	4030 IPP 25m intervals		3 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5881.13		No	No	No	
IPP Connection Route Clare	4100 IPP 25m intervals	558363.37 666741.9	7 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5859.68		No	No	No	
IPP Connection Route Clare	4125 IPP 25m intervals	558366.03 666717.1	1 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5838.24	No No	No	No	No	
IPP Connection Route Clare	4150 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5816.82		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	4175 IPP 25m intervals 4200 IPP 25m intervals		Shallow Excavation  4 Shallow Excavation	1.2	No NA	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m 3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	5795.68 5774.65		No No	No	No No	
IPP Connection Route Clare	4225 IPP 25m intervals		50 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5753.86		No	No	No	
IPP Connection Route Clare	4250 IPP 25m intervals	558375.82 666592.5	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5733.36	No No	No	No	No	
IPP Connection Route Clare	4275 IPP 25m intervals	558377.03 666567.5	Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is		NA	5712.91	No No	No	No	No	
IPP Connection Route Clare	4300 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5692.49		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	4325 IPP 25m intervals 4350 IPP 25m intervals		<ul><li>Shallow Excavation</li><li>Shallow Excavation</li></ul>	1.2	No NA	BLACKWATER (CLARE)_010 BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m 3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA NA	5672.69 5653.07		No No	No No	No No	
IPP Connection Route Clare	4375 IPP 25m intervals		Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5633.67		No	No	No	
IPP Connection Route Clare	4400 IPP 25m intervals	558377.08 666442.6	Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5614.85	No No	No	No	No	
IPP Connection Route Clare	4425 IPP 25m intervals	558376.51 666417.6	Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5595.74	No No	No	No	No	
IPP Connection Route Clare	4450 IPP 25m intervals		Shallow Excavation	1.2	No NA		Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5575.54		No	No	No	
IPP Connection Route Clare  IPP Connection Route Clare	4475 IPP 25m intervals 4500 IPP 25m intervals		9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA NA	5554.78 5531.48		No No	No No	No No	
IPP Connection Route Clare	4525 IPP 25m intervals		5 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5508.68		No	No	No	ELEVATED RISK Excavation works could potentially encounter bedrock
IPP Connection Route Clare	4550 IPP 25m intervals	558400.99 666295.9	1 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5485.90	No No	No	No	No	ELEVATED RISK Excavation works could potentially encounter bedrocl
IPP Connection Route Clare	4575 IPP 25m intervals	558408.89 666272.1	9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5462.58	No No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedrock
IPP Connection Route Clare	4600 IPP 25m intervals	558416.82 666248.4	9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5439.25	No No	No	No	No	ELEVATED RISK Excavation works could potentially encounter bedrock ELEVATED RISK
PP Connection Route Clare	4625 IPP 25m intervals	558427.09 666225.9	Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5415.36	No No	No	No	No	Excavation works could potentially encounter bedrock ELEVATED RISK
IPP Connection Route Clare	4650 IPP 25m intervals		Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5390.43		No	No	No	Excavation works could potentially encounter bedrock ELEVATED RISK
IPP Connection Route Clare	4675 IPP 25m intervals		9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	5365.43		No	No	No	Excavation works could potentially encounter bedrock ELEVATED RISK
IPP Connection Route Clare	4700 IPP 25m intervals		9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Likely	NA NA	5340.43		No	No	No	Excavation works could potentially encounter bedrook ELEVATED RISK Excavation works could potentially encounter bedrook
IPP Connection Route Clare  IPP Connection Route Clare	4725 IPP 25m intervals 4750 IPP 25m intervals		4 Shallow Excavation O Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	5315.54		No No	No	No	Excavation works could potentially encounter bedrock ELEVATED RISK Excavation works could potentially encounter bedrock
PP Connection Route Clare  PP Connection Route Clare	4750 IPP 25m intervals 4775 IPP 25m intervals		Shallow Excavation  Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5291.94		No	No	No	
PP Connection Route Clare	4800 IPP 25m intervals		8 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5320.76		No	No	No	
P Connection Route Clare	4825 IPP 25m intervals	558432.93 666132.4	Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5340.02	No No	No	No	No	
P Connection Route Clare	4850 IPP 25m intervals		Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010		High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5359.34		No	No	No	
Connection Route Clare Connection Route Clare	4875 IPP 25m intervals 4900 IPP 25m intervals		7 Shallow Excavation 7 Shallow Excavation	1.2	No NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	5379.61		No	No	No	
Connection Route Clare Clare	4900 IPP 25m intervals 4925 IPP 25m intervals		5 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	High (H)		Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	5399.20		No	No	No	
P Connection Route Clare	4950 IPP 25m intervals		8 Shallow Excavation	1.2	No NA		Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5434.52		No	No	No	
PP Connection Route Clare	4975 IPP 25m intervals	558284.69 666150.9	Shallow Excavation	1.2	No NA		Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5451.03	No No	No	No	No	
PP Connection Route Clare	5000 IPP 25m intervals		Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5468.74		No	No	No	
PP Connection Route Clare	5025 IPP 25m intervals		Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5486.64		No	No	No	ELEVATED RISK
IPP Connection Route Clare	5050 IPP 25m intervals		8 Shallow Excavation	1.2		MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones		NA	5504.59		No	No	No.	Works will be carried out within SW Buffer Zone  ELEVATED RISK  Works will be carried out within SW Buffer Zone
IPP Connection Route Clare  IPP Connection Route Clare	5050 IPP 25m intervals 5075 IPP 25m intervals		88 Shallow Excavation 87 Shallow Excavation	1.2	Yes MOUNTRICE_010  Yes BLACKWATER (CLARE) 010	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10III	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	5504.59 5522.95		No.	No	No	Works will be carried out within SW Buffer Zone  ELEVATED RISK  Works will be carried out within SW Buffer Zone
PP Connection Route Clare	5075 IPP 25m intervals		37 Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)		Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5522.95		No	No	No	ELEVATED RISK Works will be carried out within SW Buffer Zone
PP Connection Route Clare	Crossing No. 36A (IP	P 558182 08 666158 0	Horizontal Directional Orilling		Yes MOUNTRICE 010	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5522.95		No	No	No	ELEVATED RISK Works will be carried out within SW Buffer Zone



CCB	4-(00)-Baseline Database - IPP Connection Route	Grid Coordinates	Constru	vetion Details		Surface Water				Croundwater / Podra	ok Aguifor		Croundy	otor / Wollo / Abotroction		Designated Area	00		Accessment Craphics / Comment
GCR	Assessment Location	(ITM)	Constru	ruction Details		Surface Water				Groundwater / Bedro	ock Aquiter		Groundw	ater / Wells / Abstraction		Designated Area	as		Assessment Graphics / Comment
			Type of Water	Approximate					Potential Depth to		Excavation in or near Bedrock (In		GW						
IPP Connection	Assessment Location		Crossing /	Construction Depth (Excavation /	Receptor Categor (Mapped river = E			Aquifor	Bedrock (acc.		line with GSI		Distance to Karst n 250m	o Groundwater Source Protection Area		SPA 50m	Within SAC /		
IPP Connection Route (GCR)	County Location ID Category	Easting Northing	Construction Activity	Drilling) Depth Relative to Ground Level)	Buffer WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	categories)	GW Aquifer Type	mapped Aquifer Vulnerability)	Karst 25m buffer	Feature Buffer	NFGWS	SAC 50m Buffer	Buffer	SPA / NHA? Map	Tile Number	Comments & MITIGATION MEASURES
		TTW TTW		MDGL	50m								25UM						
11 IPP Connection Route (	Clare 5100 IPP 25m intervals	558160.22 666161.7	9 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	E)_010 MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	5542.13 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
12 IPP Connection Route (	Clare 5100 IPP 25m intervals	558160.22 666161.7	9 Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5542.13 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK
13 IPP Connection Route	Clare 5125 IPP 25m intervals	558135.76 666166.6	5 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	5562.21 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK
4 IPP Connection Route			5 Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5562.21 No	No	No	No	No		Works will be carried out within SW Buffer Zone ELEVATED RISK
5 IPP Connection Route 6 IPP Connection Route 6			4 Shallow Excavation 2 Shallow Excavation	1.2	Yes MOUNTRICE_010	MOUNTRICE_010  MOUNTRICE_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	5583.42 No 5604.15 No	No No	No	No	No		Works will be carried out within SW Buffer Zone
7 IPP Connection Route			O Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5624.92 No	No	No	No	No		
IPP Connection Route	Clare 5225 IPP 25m intervals	558038.71 666190.7	1 Shallow Excavation	1.2	No NA	MOUNTRICE_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5645.74 No	No	No	No	No		
P IPP Connection Route		558014.67 666197.5	7 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5667.17 No	No	No	No	No		
IPP Connection Route (			2 Shallow Excavation 3 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely  Not likely	NA	5688.63 No 5710.30 No	No	No	No	No		
2 IPP Connection Route		557942.89 666219.2		1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100 0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones		NA	5732.22 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route			1 Shallow Excavation	1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	5754.01 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route (	Clare Crossing No. 32A (IPF	557914.65 666227.8	Horizontal Directional 7 Drilling		Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	5754.01 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
IPP Connection Route (	Clare 5375 IPP 25m intervals	557894.98 666233.5	8 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	5775.64 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK
IPP Connection Route (	Clare 5400 IPP 25m intervals	557870.97 666240.5	4 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	5797.29 No	No	No	No	No		Works will be carried out within SW Buffer Zone ELEVATED RISK
IPP Connection Route  IPP Connection Route			1 Shallow Excavation	1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	5818.97 No 5840.83 No	No	No	No	No		Works will be carried out within SW Buffer Zone
IPP Connection Route (			8 Shallow Excavation 0 Shallow Excavation	1.2	No NA		0	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely  Not likely	NA	5840.83 No 5862.80 No	No	No	No	No		
0 IPP Connection Route		557775.30 666269.6	2 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	5884.78 No	No	No	No	No		
IPP Connection Route (	Clare 5525 IPP 25m intervals	557751.38 666276.8	9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	5906.72 No	No	No	No	No		
IPP Connection Route			Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is		NA	5928.42 No	No	No	No	No		
IPP Connection Route  IPP Connection Route		557703.24 666290.4 557679.28 666297.5	2 Shallow Excavation 1 Shallow Excavation	1.2	No NA		0         Shannon[Lower]_SC_100           0         Shannon[Lower]_SC_100	Low (L)	>10m >10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	5950.15 No 5972.07 No	No	No	No	No		
IPP Connection Route (		557655.48 666305.1		1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones		NA	5994.30 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route	Clare 5650 IPP 25m intervals	557631.69 666312.8	7 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	6016.56 No	No	No	No	No		ELEVATED RISK  Works will be carried out within SW Buffer Zone
IPP Connection Route	Clare 5675 IPP 25m intervals	557607.90 666320.5	5 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6038.83 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
IPP Connection Route	Clare 5700 IPP 25m intervals	557584.09 666328.1	7 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6061.11 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK
PP Connection Route			7 Shallow Excavation Horizontal Directional	1.2	Yes BLACKWATER (CLAF			Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6083.00 No	No	No	No	No		Works will be carried out within SW Buffer Zone ELEVATED RISK
IPP Connection Route		557544.83 666339.2 557535.98 666341.7	3	10	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is		NA	6083.00 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK  Works will be carried out within SW Buffer Zone
IPP Connection Route  IPP Connection Route			7 Shallow Excavation 7 Shallow Excavation	1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100 0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA	6104.91 No 6126.85 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route			6 Shallow Excavation	1.2	Yes BLACKWATER (CLAF		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	6149.05 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route	Clare 5825 IPP 25m intervals	557464.17 666363.3	8 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	<u> </u>	Not likely	NA	6171.38 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone
IPP Connection Route	Clare 5850 IPP 25m intervals	557440.39 666371.0	8 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6193.81 No	No	No	No	No		
IPP Connection Route  IPP Connection Route			2 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6216.64 No 6239.39 No	No	No	No	No		
IPP Connection Route (			3 Shallow Excavation 0 Shallow Excavation	1.2	No NA		0         Shannon[Lower]_SC_100           0         Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	6239.39 No	No	No	No	No		
IPP Connection Route	Clare 5950 IPP 25m intervals	557345.79 666403.4	7 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones		NA	6284.45 No	No	No	No	No		
IPP Connection Route	Clare 5975 IPP 25m intervals	557322.14 666411.5	7 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6307.16 No	No	No	No	No		
IPP Connection Route  IPP Connection Route			1 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01		Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA	6329.99 No 6352.84 No	No	No	No	No		
IPP Connection Route (			5 Shallow Excavation 0 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100 0 Shannon[Lower]_SC_100	Low (L)	>10m >10m	Locally Important Aquifer - Bedrock which is	Not likely  Not likely	NA	6352.84 NO 6375.70 No	No	No	No	No		
IPP Connection Route	Clare 6075 IPP 25m intervals	557227.87 666444.9	4 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	6398.58 No	No	No	No	No		
IPP Connection Route	Clare 6100 IPP 25m intervals	557204.31 666453.2	8 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6421.48 No	No	No	No	No		
IPP Connection Route			Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6444.39 No	No	No	No	No		
IPP Connection Route (IPP Connection Route (			7 Shallow Excavation 1 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01 BLACKWATER (CLARE)_01	0         Shannon[Lower]_SC_100           0         Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	6467.32 No 6490.26 No	No	No	No	No		
IPP Connection Route			6 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6513.34 No	No	No	No	No		
IPP Connection Route (	Clare 6225 IPP 25m intervals	557086.92 666496.1	9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6536.67 No	No	No	No	No		
IPP Connection Route			1 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6560.01 No	No	No	No	No		
IPP Connection Route (IPP Connection Route (			4 Shallow Excavation 3 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100 0 Shannon[Lower]_SC_100	Low (L)	>10m >10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	6583.36 No 6606.93 No	No	No	No	No		
IPP Connection Route			1 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6630.65 No	No	No	No	No		
IPP Connection Route			9 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	6654.38 No	No	No	No	No		
IPP Connection Route			7 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01		Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6678.12 No	No	No	No	No		
PP Connection Route (PP Connec			5 Shallow Excavation 3 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01 BLACKWATER (CLARE)_01	0	Low (L)	>10m >10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	6701.87 No 6725.63 No	No	No	No	No		
PP Connection Route (		556880.45 666585.5	1 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01		Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6749.40 No	No	No	No	No		
PP Connection Route (	Clare 6475 IPP 25m intervals	556857.38 666595.1	4 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	6772.99 No	No	No	No	No		
PP Connection Route			9 Shallow Excavation	1.2	No NA		0 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6796.52 No	No	No	No	No		
IPP Connection Route (IPP Connection Route (			4 Shallow Excavation  1 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01 BLACKWATER (CLARE)_01	0	Low (L)	>10m >10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	6820.06 No 6843.72 No	No	No	No	No		
IPP Connection Route			9 Shallow Excavation	1.2	No NA	BLACKWATER (CLARE)_01		Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	6867.40 No	No	No	No	No		
IPP Connection Route (	Clare 6600 IPP 25m intervals	556742.06 666643.3	6 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01		Low (L)	>10m		Not likely	NA	6891.09 No	No	No	No	No		ELEVATED RISK  Works will be carried out within SW Buffer Zone
IPP Connection Route	Clare 6625 IPP 25m intervals	556719.05 666653.1	4 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	6914.78 No	No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone ELEVATED RISK
	Clare 6650 IPP 25m intervals	556695.71 666662.0	8 Shallow Excavation	1.2	Yes BLACKWATER (CLAF	BLACKWATER (CLARE)_01	0 Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	6938.18 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK
7 IPP Connection Route 0	Clare 0030 IFF 2311 III.e. Vais																		
IPP Connection Route  IPP Connection Route  IPP Connection Route	Clare 6675 IPP 25m intervals	556672.27 666670.7 556655.91 666677.4	6 Shallow Excavation Horizontal Directional	1.2	Yes BLACKWATER (CLAF		0	Low (L)	>10m		Not likely  Not likely	NA	6961.49 No	No	No	No	No		Works will be carried out within SW Buffer Zone  ELEVATED RISK  Works will be carried out within SW Buffer Zone





GCR	Assessment Location	Grid Coordin (ITM)	nates	Constru	ction Details			Surface Water				Groundwater / Bedro	ock Aquifer		Ground	vater / Wells / Abstractio	<mark>n</mark>	Designated Are	eas	Assessment Graphics / Comment
		(1110)																		
			_	Гуре of Water	Approximate						Potential Depth to		Excavation in or near Bedrock (In		GW					
	Assessment		C	Crossing /	Construction Depth (Excavation	/ 014/ 50	Receptor Category			Amelian	Bedrock (acc.		line with GSI			Groundwater Source		ODA 50	Within OAO (	
Connection ute (GCR)	County Location ID Category	Easting Nort		Construction Activity	Drilling) Depth Relati to Ground Level)	Buffer	(Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	To GSI categories)	GW Aquifer Type	mapped Aquifer Vulnerability)		Distance to Karst n 250m Feature Buffer	Protection Area NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ? Map Tile Nu	mber Comments & MITIGATION MEASURES
_		ITM   ITM		_	mbGL	50m					_				<u>250m</u>					
onnection Route	Clare 6725 IPP 25m intervals	556625.37 6	666688.11 S	Shallow Excavation	1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7008.16 No	No	No	No	No	ELEVATED RISK Works will be carried out within SW Buffer Zone
Connection Route	Clare 6750 IPP 25m intervals	556601.93 6	666696.79 <b>S</b>	Shallow Excavation	1.2	Yes		BLACKWATER (CLARE)_010		Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7031.51 No	No	No	No	No	ELEVATED RISK Works will be carried out within SW Buffer Zone
Connection Route	Clare 6775 IPP 25m intervals	556578.48 6	666705.47 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010		Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7054.87 No	No	No	No	No	
Connection Route	Clare 6800 IPP 25m intervals	556555.04 6	666714.14 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	7078.24 No	No	No	No	No	
Connection Route	Clare 6825 IPP 25m intervals	556531.47 6	666722.49 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7101.49 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA NA	BLACKWATER (CLARE)_010		Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7124.74 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7148.00 No 7171.27 No	No	No	No	No	
P Connection Route P Connection Route				Shallow Excavation Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA	7171.27 No 7194.55 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7217.85 No	No	No	No	No	
P Connection Route	Clare 6975 IPP 25m intervals	556389.97 6	666772.25 S	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7241.15 No	No	No	No	No	
Connection Route	Clare 7000 IPP 25m intervals	556366.38 6	666780.55 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7264.47 No	No	No	No	No	
P Connection Route	Clare 7025 IPP 25m intervals	556342.88 6	666789.06 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	7287.88 No	No	No	No	No	
P Connection Route	Clare 7050 IPP 25m intervals	556319.50 6	666797.93 <mark>S</mark>	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7311.43 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7334.99 No	No	No	No	No	
P Connection Route P Connection Route				Shallow Excavation  Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA NA	7358.56 No 7382.14 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010 BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10III	Locally Important Aquifer - Bedrock which is	Not likely	NA	7302.14 NO	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7429.20 No	No	No	No	No	
P Connection Route	Clare 7200 IPP 25m intervals	556178.96 6	666850.32 S	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7452.64 No	No	No	No	No	
PP Connection Route	Clare 7225 IPP 25m intervals	556155.41 6	666858.71 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7476.08 No	No	No	No	No	
PP Connection Route	Clare 7250 IPP 25m intervals	556131.86 6	666867.10 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7499.54 No	No	No	No	No	
PP Connection Route	Clare 7275 IPP 25m intervals	556108.25 6	666875.32 <mark>S</mark>	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7522.94 No	No	No	No	No	
PP Connection Route				Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010		Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7546.16 No	No	No	No	No	
PP Connection Route PP Connection Route				Shallow Excavation  Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA NA	7569.39 No 7592.63 No	No	No No	No No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7615.88 No	No	No	No	No	
Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7639.14 No	No	No	No	No	
P Connection Route	Clare 7425 IPP 25m intervals	555965.56 6	666921.58 S	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7662.42 No	No	No	No	No	
P Connection Route	Clare 7450 IPP 25m intervals	555941.78 6	666929.29 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m		Not likely	NA	7685.70 No	No	No	No	No	
P Connection Route	Clare 7475 IPP 25m intervals	555918.00 6	666937.00 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7709.00 No	No	No	No	No	
P Connection Route	Clare 7500 IPP 25m intervals	555894.22 6	666944.71 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7732.31 No	No	No	No	No	
P Connection Route	Clare 7525 IPP 25m intervals	555870.32 6	666952.04 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7755.48 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7778.64 No	No	No	No	No	
PP Connection Route				Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7801.81 No	No	No	No	No	
P Connection Route P Connection Route				Shallow Excavation  Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely	NA NA	7824.99 No 7848.24 No	No	No No	No	No	
PP Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	7871.60 No	No	No	No	No	
PP Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7894.97 No	No	No	No	No	
PP Connection Route	Clare 7700 IPP 25m intervals	555703.32 6	667004.33 <mark>S</mark>	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	<u> </u>	Not likely	NA	7918.36 No	No	No	No	No	
P Connection Route	Clare 7725 IPP 25m intervals	555679.53 6	667012.01 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	7941.75 No	No	No	No	No	
PP Connection Route	Clare 7750 IPP 25m intervals	555655.74 6	667019.70 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7965.15 No	No	No	No	No	
PP Connection Route	Clare 7775 IPP 25m intervals	555631.95 6	667027.38 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	7988.56 No	No	No	No	No	
PP Connection Route		555608.09 6	667034.84 S	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8011.89 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is		NA	8035.17 No	No	No	No	No	
PP Connection Route PP Connection Route				Shallow Excavation  Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Low (L)	>10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA NA	8058.46 No 8081.75 No	No	No No	No No	No	
PP Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	8105.08 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8128.61 No	No	No	No	No	
P Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8152.14 No	No	No	No	No	
Connection Route	Clare 7975 IPP 25m intervals	555441.22 6	667087.52 S	Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8175.69 No	No	No	No	No	
Connection Route	Clare 8000 IPP 25m intervals	555417.05 6	667093.90 S	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8198.68 No	No	No	No	No	
Connection Route	Clare 8025 IPP 25m intervals	555392.86 6	667100.22 <mark>S</mark>	Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Low (L)	>10m	· · · · · · · · · · · · · · · · · · ·	Not likely	NA	8221.67 No	No	No	No	No	
Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8244.67 No	No	No	No	No	
Connection Route				Shallow Excavation	1.2	No	NA NA		Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8267.88 No	No	No	No	No	
Connection Route  Connection Route				Shallow Excavation  Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Moderate (M) High (H)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	,	NA	8291.24 No 8314.61 No	No	No	No	No	
Connection Route					1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8314.61 No	No	No	No	No	ELEVATED RISK Excavation works could potentially encounter bedray
Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100 Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8337.99 No 8361.38 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedr
Connection Route				Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010		Rock near surface or karst (X)		Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8384.78 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedr
Connection Route				Shallow Excavation	1.2	No	NA		Shannon[Lower]_SC_100	Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8408.18 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter beding the second potential potentia
Connection Route				Shallow Excavation	1,2	No	NA		Shannon[Lower]_SC_100	Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8431.60 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedi
Connection Route				Shallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010		Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8445.47 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedr
Connection Route					1.2	No	NA		Shannon[Lower]_SC_100	Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8440.27 No	No	No	No	No	ELEVATED RISK  Excavation works could potentially encounter bedre
The state of the s	2000 II Zom intervals	233.20.00			1.2				[_55.]_00_100			Locally Important Aquifer - Bedrock which is			3.10.21					ELEVATED RISK  Works will be carried out within SW Buffer Zone
Connection Route	Clare 8325 IPP 25m intervals	555104.88 6	667184.19 S	Shallow Excavation	1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	8435.13 No	No	No	No	No	Excavation works could potentially encounter bedr
Connection Route	Clare 8350 IPP 25m intervals	555080.46	667189.50 S	Shallow Excavation	1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower] SC 100	Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8431.48 No	No	No	No	No	Works will be carried out within SW Buffer Zone Excavation works could potentially encounter bedr
	2000 II I Zom intolvais	132550.10		Horizontal Directional			(02.1112)_010	(32,11(2)_010	.[_33,]_00_100	Rock near surface or	r	Locally Important Aquifer - Bedrock which is			5.5.110					ELEVATED RISK  Works will be carried out within SW Buffer Zone
P Connection Route	Clare Crossing No. 10A (I	IPP 555079.20 6	667189.74 D			Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	8431.48 No	No	No	No	No	Excavation works could potentially encounter bedre
P Connection Route	Clare 8375 IPP 25m intervals	555055.77 6	667193.36 S	Shallow Excavation	1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower] SC 100	Rock near surface or karst (X)	r <1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8429.37 No	No	No	No	No	Works will be carried out within SW Buffer Zone Excavation works could potentially encounter bedro
2.110	2 2 2 2 2 3 3 7 4 1 5						(======================================	(3=2)_010	1_1_1	Rock near surface or	r	Locally Important Aquifer - Bedrock which is								ELEVATED RISK  Works will be carried out within SW Buffer Zone
P Connection Route	Clare 8400 IPP 25m intervals	555030.97 6	667196.41 S	Shallow Excavation	1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones  Id IPP Connections Database	Likely	NA	8428.14 No	No	No	No	No	Excavation works could potentially encounter bedro

Project Ref. 604569 Prepared by: DW Date: 17/11/2023

File Ref: 604569-Geo-R03-App10.4-(00)-Baseline Database - IPP Connection Route

GCR	Assessment Location	Grid Coordina (ITM)	tes	nstruction Details			Surface Water				Groundwater / Bedro	ock Aquifer		C	Groundwater / Wells / Abstractio	<mark>on</mark>	Designated Are	eas		Assessment Graphics / Comment
IPP Connection Route (GCR) County	Assessment Location Location ID Category	Easting Northi	Type of Wa Crossing / Construction	Approximate Construction Depth (Excavation Drilling) Depth Relate to Ground Level)	ion / lative SW 50r	Receptor Category  m (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)		istance to Karst	GW Abstractio Groundwater Source n 250m Protection Area Buffer NFGWS	SAC 50m Buffer	SPA 50m Buffer	Within SAC / SPA / NHA ?	Map Tile Number	Comments & MITIGATION MEASURES
		ITM ITM		mbGL	50m									2	250m					
									Rock near surface of	or	Locally Important Aquifer - Bedrock which is									ELEVATED RISK Works will be carried out within SW Buffer Zone
P Connection Route Clare	8425 IPP 25m intervals	555006.05 667	198.41 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	8428.05	No No	No	No	No		Excavation works could potentially encounter bedro
Connection Route Clare	8450 IPP 25m intervals	554981.13 667	200.40 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8428.03	No No	No	No	No		Works will be carried out within SW Buffer Zone Excavation works could potentially encounter bedro ELEVATED RISK
Connection Route Clare	8475 IPP 25m intervals	554956.28 667	203.06 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8427.41	No No	No	No	No		Works will be carried out within SW Buffer Zone Excavation works could potentially encounter bedro
Connection Route Clare	8500 IPP 25m intervals	554931.53 667	206.55 Shallow Excava	ion 1.2	No	NA			Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8426.04	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
Connection Route Clare	8525 IPP 25m intervals	554906.70 667	209.51 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	8425.28	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
onnection Route Clare	8550 IPP 25m intervals	554881.85 667	212.25 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Likely	NA	8424.81	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedro
onnection Route Clare	8575 IPP 25m intervals	554857.01 667	214.99 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010		High (H)	3 to 5m		Not likely	NA	8424.41		No	No	No		
onnection Route Clare Clare	8600 IPP 25m intervals		218.15 Shallow Excava 222.11 Shallow Excava		No	NA NA	BLACKWATER (CLARE)_010		High (H)	3 to 5m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	8423.67 N 8422.20 N		No	No	No		
onnection Route Clare	8650 IPP 25m intervals		226.07 Shallow Excava		No	NA	BLACKWATER (CLARE)_010 BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8422.20		No	No	No		
onnection Route Clare	8675 IPP 25m intervals	554758.16 667	230.02 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	, ,	Not likely	NA	8419.46	No No	No	No	No		
onnection Route Clare	8700 IPP 25m intervals	554733.47 667	233.98 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8418.21	No No	No	No	No		
onnection Route Clare	8725 IPP 25m intervals		237.94 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8417.03	No No	No	No	No		
onnection Route Clare Clare	8750 IPP 25m intervals 8775 IPP 25m intervals		241.90 Shallow Excava 245.85 Shallow Excava		No No	NA NA	BLACKWATER (CLARE)_010 BLACKWATER (CLARE)_010		Moderate (M)  Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely  Not likely	NA	8415.92 N 8414.90 N		No No	No No	No No		
onnection Route Clare	8800 IPP 25m intervals		249.53 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8414.23		No	No	No		
nnection Route Clare	8825 IPP 25m intervals	554609.96 667	253.20 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones Locally Important Aquifer - Bedrock which is	Not likely	NA	8413.63 N	No No	No	No	No		
nnection Route Clare	8850 IPP 25m intervals		256.88 Shallow Excava		No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8413.11		No	No	No		
onnection Route Clare	8875 IPP 25m intervals		260.56 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	8412.66		No	No	No		
nnection Route Clare	8900 IPP 25m intervals 8925 IPP 25m intervals		264.23 Shallow Excava 267.91 Shallow Excava		No No	NA NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		Moderate (M)  Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Not likely  Not likely	NA	8412.28 N 8411.98 N		No No	No No	No		
onnection Route Clare	8950 IPP 25m intervals		271.58 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	8411.76		No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone
onnection Route Clare	8975 IPP 25m intervals	554461.59 667	275.26 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8411.60	<mark>/es N</mark> o	No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone
onnection Route Clare	9000 IPP 25m intervals	554436.87 667	278.94 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8411.53	<mark>/es No</mark>	No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9025 IPP 25m intervals	554412.14 667	282.61 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8411.52	<mark>/es No</mark>	No	No	No		Works will be carried out within GW Buffer Zone  ELEVATED RISK
nnection Route Clare	9050 IPP 25m intervals	554387.41 667	286.29 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8411.59	<mark>∕es N</mark> o	No	No	No		Works will be carried out within GW Buffer Zone  ELEVATED RISK
nnection Route Clare	9075 IPP 25m intervals	554362.98 667	291.60 Shallow Excava	ion 1.2	No	NA NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8410.08		No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9100 IPP 25m intervals		297.06 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely	NA	8408.49		No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9125 IPP 25m intervals 9150 IPP 25m intervals		302.53 Shallow Excava		No	NA NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		Moderate (M)  Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	,	NA	8406.96 8404.45		No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK Works will be carried out within GW Buffer Zone
nnection Route Clare	9175 IPP 25m intervals		315.51 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	·	NA	8402.01		No	No	No		ELEVATED RISK  Works will be carried out within GW Buffer Zone
nnection Route Clare	9200 IPP 25m intervals		323.00 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones		NA	8398.60		No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone
nnection Route Clare	9225 IPP 25m intervals	554221.35 667	336.77 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8388.58	<mark>/es N</mark> o	No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone
onnection Route Clare	0250 IPP 25m intervals	554202 0G 667	354.60 Shallow Excava	ion 1.2	Voc	DI ACKIMATED (CLADE) 010	DI ACKWATER (CLARE) 010	Shannon[Lower] SC 100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NΙΔ	8374.02	/oc	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone Works will be carried out within GW Buffer Zone
innection Route Clare	9250 IPP 25m intervals	554203.96 667	354.60 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Snannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely	INA	8374.02	res	NO	INO	INO		ELEVATED RISK  Works will be carried out within SW Buffer Zone
onnection Route Clare	9275 IPP 25m intervals	554194.42 667	Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones	Not likely	NA	8353.22	<mark>/es No</mark>	No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9300 IPP 25m intervals	554185.20 667	400.63 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8331.98	<mark>/es N</mark> o	No	No	No		Works will be carried out within SW Buffer Zone Works will be carried out within GW Buffer Zone
nnection Route Clare	0225 IDD 25m intervals	55.41.90.47 667	424.95 Shallow Excava	ion 4.2	Yes	DI ACKIMATED (CLADE) 040	DI ACKWATER (CLARE) 040	Shannanii awari SC 100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NIΔ	8308.90	/oo No	No	No	No		ELEVATED RISK Works will be carried out within SW Buffer Zone Works will be carried out within GW Buffer Zone
inection Route Clare	9325 IPP 25m intervals	554180.47 667	424.95 Shallow Excava	1.2	Yes	BLACKWATER (CLARE)_UTU	BLACKWATER (CLARE)_010	Snannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely	INA	8308.90	res	INO	INO	INO		ELEVATED RISK  Works will be carried out within SW Buffer Zone
nnection Route Clare	9350 IPP 25m intervals	554187.92 667	448.36 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Moderately Productive only in Local Zones	Not likely	NA	8284.52	<mark>∕es No</mark>	No	No	No		Works will be carried out within GW Buffer Zone  ELEVATED RISK
nnection Route Clare	9375 IPP 25m intervals	554197.99 667	471.25 Shallow Excava	ion 1.2	Yes	BLACKWATER (CLARE)_010	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8260.21	<mark>/es N</mark> o	No	No	No		Works will be carried out within SW Buffer Zone Works will be carried out within GW Buffer Zone
nnection Route Clare	9400 IPP 25m intervals	554208.05 667	494.13 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m		Not likely	NA	8235.91	<mark>/es No</mark>	No	No	No		ELEVATED RISK Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9425 IPP 25m intervals	554217.29 667	517.36 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8211.41	<mark>/es No</mark>	No	No	No		Works will be carried out within GW Buffer Zone  ELEVATED RISK
nnection Route Clare	9450 IPP 25m intervals	554226.24 667	540.70 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Moderate (M)	5 to 10m	, i i i i i i i i i i i i i i i i i i i	Not likely	NA	8186.86	/es No	No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9475 IPP 25m intervals		Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8162.31	<mark>/es No</mark>	No	No	No		Works will be carried out within GW Buffer Zone ELEVATED RISK
nnection Route Clare	9500 IPP 25m intervals 9525 IPP 25m intervals		587.38 Shallow Excava 610.72 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)  Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is	Not likely  Not likely	NA	8137.76 N 8113.21 N	Vo.	No	No	No		Works will be carried out within GW Buffer Zone
nection Route Clare  Clare	9525 IPP 25m intervals 9550 IPP 25m intervals		634.41 Shallow Excava		No	NA	BLACKWATER (CLARE)_010 BLACKWATER (CLARE)_010		Moderate (M)  Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely  Not likely	NA	8113.21 N 8088.51 N	No No	No	No	No		
nnection Route Clare	9575 IPP 25m intervals		658.55 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Moderate (M)	5 to 10m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Not likely	NA	8063.61	No No	No	No	No		
nnection Route Clare	9600 IPP 25m intervals	554274.00 667	682.69 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	High (H)	3 to 5m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Not likely	NA	8038.71	No No	No	No	No		ELEVATED RISK
nnection Route Clare	9625 IPP 25m intervals	554280.50 667	706.83 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	8013.80	No No	No	No	No		Excavation works could potentially encounter bed
nection Route Clare	9650 IPP 25m intervals		730.97 Shallow Excava		No	NA		Shannon[Lower]_SC_100		1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7988.90	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
nection Route Clare	9675 IPP 25m intervals		754.84 Shallow Excava		No	NA NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Likely	NA	7964.13	No No	No	No	No		Excavation works could potentially encounter bed ELEVATED RISK
nection Route Clare	9700 IPP 25m intervals 9725 IPP 25m intervals		7777.80 Shallow Excava 800.75 Shallow Excava		No	NA NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		Extreme (E)  Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is  Moderately Productive only in Local Zones	Likely	NA	7939.82   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.50   7915.5	NO NO	No	No.	No.		Excavation works could potentially encounter bed ELEVATED RISK Excavation works could potentially encounter bed
nection Route Clare	9725 IPP 25m Intervals 9750 IPP 25m intervals		825.54 Shallow Excava		No	NA	BLACKWATER (CLARE)_010  BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	7915.50		No	No	No		ELEVATED RISK  Excavation works could potentially encounter bed
nection Route Clare	9775 IPP 25m intervals		850.52 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	7865.99		No	No	No		ELEVATED RISK Excavation works could potentially encounter bed
nection Route Clare	9800 IPP 25m intervals		875.46 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Rock near surface of karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	7841.19	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bedr
nnection Route Clare	9825 IPP 25m intervals	554322.91 667	899.99 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Rock near surface of karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likely	NA	7816.19	No No	No	No	No		ELEVATED RISK  Excavation works could potentially encounter bedr
nnection Route Clare	9850 IPP 25m intervals	554326.95 667	924.60 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Rock near surface of	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7791.26	No No	No	No	No		ELEVATED RISK Excavation works could potentially encounter bedr ELEVATED RISK
nnection Route Clare	9875 IPP 25m intervals	554326.54 667	949.60 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Rock near surface of karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7766.70	No No	No	No	No		Excavation works could potentially encounter bedretelevated RISK  ELEVATED RISK
nnection Route Clare	9900 IPP 25m intervals		974.59 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Extreme (E)	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7742.17	No No	No	No	No		Excavation works could potentially encounter bedr ELEVATED RISK
nnection Route Clare	9925 IPP 25m intervals		998.80 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		Extreme (E)  Rock near surface of	1 to 3m	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7718.75		No	No	No		Excavation works could potentially encounter bedr ELEVATED RISK
onnection Route Clare	9950 IPP 25m intervals		016.00 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		karst (X)  Rock near surface (	<1m or	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7704.98		No	No	No		Excavation works could potentially encounter bedro
nnection Route Clare	9975 IPP 25m intervals		021.62 Shallow Excava		No	NA	BLACKWATER (CLARE)_010		karst (X)  Rock near surface (	or	Moderately Productive only in Local Zones  Locally Important Aquifer - Bedrock which is	Likely	NA	7703.74		No	No	No		Excavation works could potentially encounter bedro ELEVATED RISK Excavation works could potentially encounter bedro
IPP Connection Route Clare	10000 IPP 25m intervals	554256.43 668	022.77 Shallow Excava	ion 1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Rock near surface of karst (X)	<1m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones  IPP Connections Database	Likely	NA	7707.07	No No	No	No	No		



GCR	Assessment Locati	ion	Grid Coordinat (ITM)	tes	Constructi	on Details	Surface Water			Groundwater / Bedrock Aquifer					Groundwater / Wells / Abstr	action	Buffer SPA / NHA ? Map Tile Number Comments & MITIGATION MEASURES    No					
IPP Connection Route (GCR) Cour	Asses Locati Inty Location ID Catego	on ory E	Easting Northi	Cr Cc	ype of Water rossing / onstruction ctivity	Approximate Construction Depth (Excavation Drilling) Depth Relati to Ground Level)  mbGL	SW 50m Buffer	Receptor Category (Mapped river = EPA / WFD mapped)	River basins	Subcatchments	Aquifer Vulnerability	Potential Depth to Bedrock (acc. To GSI categories)	GW Aquifer Type	Excavation in or near Bedrock (In line with GSI mapped Aquifer Vulnerability)		Distance to Kars Feature	GW Abstractio Groundwater Set n 250m Protection Area NFGWS					Comments & MITIGATION MEASURES
											Rock near surface or		Locally Important Aquifer - Bedrock which is									ELEVATED RISK
IPP Connection Route Clare	10025 IPP 25m	intervals	554231.54 668	3020.46 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	7713.9	2 No No	No	No	No		Excavation works could potentially encounter bedrock
													Locally Important Aquifer - Bedrock which is									ELEVATED RISK
IPP Connection Route Clare	10050 IPP 25m	n intervals	554206.83 668	3016.65 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7722.2	7 No No	No	No	No		Excavation works could potentially encounter bedrock
													Locally Important Aquifer - Bedrock which is									
PP Connection Route Clare	10075 IPP 25m	intervals	554182.70 668	3019.44 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7724.1	2 No No	No	No	No		Excavation works could potentially encounter bedrock
													Locally Important Aquifer - Bedrock which is									
PP Connection Route Clare	10100 IPP 25m	intervals	554161.30 668	3030.70 Sh	nallow Excavation	1.2	No	NA NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7717.1	9 No No	No	No	No		
	10105 155 05		== 11.1= 10	2052 24 21							- · · · · · · ·		Locally Important Aquifer - Bedrock which is			7704.0						
PP Connection Route Clare	10125 IPP 25m	intervals	554145.42 668	3050.01 Sh	nallow Excavation	1.2	No	NA NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7701.3	5 No No	No	No	No		Excavation works could potentially encounter bedrock
PP Connection Route Clare	10150 IDD 05	. intomoslo	FF 44 00 00 000	0000 47 Ch	allow Everyation	4.0	No	NIA.	DI ACIONATED (CLADE) 040	Channaril awari CO 400	[trace - /[-]	4 to 0	Locally Important Aquifer - Bedrock which is	Libration	NIA	7685.7	5 No.	No	No	NIa		
Pr Connection Route Clare	10150 IPP 25m	intervais	554129.36 668	3069.17 Sh	nallow Excavation	1.2	INO	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA NA	7685.7	5 100 100	INO	INO	INO		
IPP Connection Route Clare	10175 IPP 25m	intorvolo	554111.94 668	2007 06 <b>Sh</b>	nallow Excavation	1.2	No	NA	DI ACKWATER (CLARE) 010	Shannanii awari SC 100	Extreme (E)	1 to 3m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likoly	NIA	7671.7	2 No.	No	No	No		
IFF Connection Route Clare	10175 IFF 25111	intervais	334111.94 600	3007.00	Tallow Excavation	1.2	INO	INA	BLACKWATER (CLARE)_010	Sharmon[Lower]_SC_100	Extreme (E)	1 10 3111	Locally Important Aquifer - Bedrock which is	Likely	INA	7671.7	Z NO NO	INO	INO	INO		ELEVATED DISK
IPP Connection Route Clare	10200 IPP 25m	intervals	554095.82 668	8105 90 Sh	nallow Excavation	12	No	NΔ	BLACKWATER (CLARE)_010	Shannonii owerl SC 100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NΔ	7656.5	4 No No	No	No	No		
THE CONTROLLOT TROUB	10200 11 1 2311	i iiitoi vais	004000.02	3100.00	Tailow Excavation	1.2	140		BEAGITIVATER (GEARE)_010	Chamien[Lewer]_CC_100	Rock near surface or	T to om	Locally Important Aquifer - Bedrock which is	Lincity	IVA	7000.0	110	140	140	110		FI EVATED RISK
PP Connection Route Clare	10225 IPP 25m	intervals	554082.92 668	3127.30 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower] SC 100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	7638.2	5 No No	No	No	No		
S.A.	1,0220 20		00.002.02	3121100							Rock near surface or	7	Locally Important Aquifer - Bedrock which is					110				
PP Connection Route Clare	10250 IPP 25m	intervals	554073.02 668	3149.97 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	7618.1	2 No No	No	No	No		
									/_ /_ /_ /		Rock near surface or		Locally Important Aquifer - Bedrock which is	- 7								
PP Connection Route Clare	10275 IPP 25m	intervals	554070.76 668	3174.86 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	7594.2	4 No No	No	No	No		
													Locally Important Aquifer - Bedrock which is									ELEVATED RISK
PP Connection Route Clare	10300 IPP 25m	intervals	554058.65 668	3196.56 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7575.5	8 No No	No	No	No		Excavation works could potentially encounter bedrock
													Locally Important Aquifer - Bedrock which is									ELEVATED RISK
PP Connection Route Clare	10325 IPP 25m	n intervals	554045.83 668	3218.02 <b>Sh</b>	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7557.3	2 No No	No	No	No		
													Locally Important Aquifer - Bedrock which is									
PP Connection Route Clare	10350 IPP 25m	intervals	554033.02 668	3239.49 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7539.1	1 No No	No	No	No		
													Locally Important Aquifer - Bedrock which is									ELEVATED RISK
PP Connection Route Clare	10375 IPP 25m	intervals	554020.20 668	3260.95 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7520.9	3 No No	No	No	No		Excavation works could potentially encounter bedrock
											Rock near surface or		Locally Important Aquifer - Bedrock which is									ELEVATED RISK
PP Connection Route Clare	10400 IPP 25m	intervals	554007.39 668	3282.42 Sh	nallow Excavation	1.2	No	NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	karst (X)	<1m	Moderately Productive only in Local Zones	Likely	NA	7502.8	0 No No	No	No	No		Excavation works could potentially encounter bedrock
DD Connection Doub	10.105 100 05	. latam :-l-	FF0004 F7	2000 00 01	allow Everyation	4.0	NI	NIA	DI ACIONATED (OLABE) OCO	Ohamaarii aaada 00 400	Future (F)	4.45.00	Locally Important Aquifer - Bedrock which is	Libration	NIA	74047	O No.		N	N		ELEVATED RISK
IPP Connection Route Clare	10425 IPP 25m	intervals	553994.57 668	303.89 Sh	nallow Excavation	1.2	INO	NA NA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	Moderately Productive only in Local Zones	Likely	NA	7484.7	U NO NO	No	No	No		Excavation works could potentially encounter bedrock  ELEVATED RISK
IPP Connection Route Clare	10450 IPP 25m	inton/olo	554002.67 668	222 02 66	nallow Excavation	1.0	No	NA	PLACKWATER (CLARE) 040	Shannanii awari SC 400	Extreme (E)	1 to 2m	Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Likoly	NIA	7463.4	5 No.	No	No	No		
r Connection Route   Clare	10450 IPP 25M	intervals	004002.07 008	os∠s.ō3 <mark>5</mark> ∏	Ianow Excavation	1.2	INU	INA	BLACKWATER (CLARE)_010	Shannon[Lower]_SC_100	Extreme (E)	1 to 3m	iviouerately Froductive only in Local Zones	Likely	INA	7463.4	S INU INU	INO	INO	INU		Excavation works could potentially encounter bedrock