Table 1. Impact table for Proposal 1 – SD 26 Jan

Nature of impact	Status (Negative or positive)	Extent	Duration	Intensity	Probability	Reversibility	Irreplaceability	Significance of direct impacts (no mitigation) & cumulative impacts	Mitigation/Management Actions	Significance (with mitigation)	Confidence level
	Construction Phase										
1.1 Impact of bedrock excavations on potential fossil-bearing Adelaide Subgroup strata.	Negative, potential destruction of in situ fossils	Local, i.e. within 5 km of the site	Permanen t	High, since excavations could destroy in situ fossil remains.	Probable	Low, potential destruction of fossils is permanent	High, fossils considered irreplaceable	High, since negative impacts are to be expected	Monitoring by a specialist at the start and during the construction phase of the development in order to map, retrieve and rescue potential fossil remains.	Low, since monitoring by a specialist during the construction phase will reduce the impact.	High
1.2. Impact of excavations on superficial deposits	Negative, potential destruction of in situ fossils	Local, i.e. within 5 km of the site	Permanen t	High, since excavations could destroy in situ fossil remains.	Improbable	Low, potential destruction of fossils is permanent	High, fossils considered irreplaceable	High, since negative impacts are to be expected	Monitoring by a specialist before the start of the construction phase of the development in order to map, retrieve and rescue potential Quaternary fossil remains.	Low, since monitoring by a specialist before the start of the construction phase will reduce the impact.	High
						Operation	onal Phase				
Impact of operational activities on potential fossil-bearing Adelaide Subgroup strata and superficial sediments	Neutral, no destruction of in situ fossils likely	Local, i.e. within 5 km of the site	Permanen t	Low	Improbable	High, since there will be no impact on in situ fossils	Low, since there will be no impact on in situ fossils	Low, since status of impact considered neutral	No mitigation required	Low	High

Table 2. Impact table for Proposal 2 – SD 26 Jan

Nature of impact	Status (Negative or positive)	Extent	Duration	Intensity	Probability	Reversibility	Irreplaceability	Significance of direct impacts (no mitigation) & cumulative impacts	Mitigation/Management Actions	Significance (with mitigation)	Confidence level
	Construction Phase										
1.1 Impact of bedrock excavations on potential fossil-bearing Adelaide Subgroup strata.	Negative, potential destruction of in situ fossils	Local, i.e. within 5 km of the site	Permanen t	High, since excavations could destroy in situ fossil remains.	Probable	Low, potential destruction of fossils is considered irreversible	High, fossils considered irreplaceable	High, since negative impacts are to be expected	Monitoring by a specialist at the start and during the construction phase of the development in order to map, retrieve and rescue potential fossil remains.	Low, since monitoring by a specialist during the construction phase will reduce the impact.	High
1.2. Impact of excavations on superficial deposits	Negative, potential destruction of in situ fossils	Local, i.e. within 5 km of the site	Permanen t	High, since excavations could destroy in situ fossil remains.	Probable	Low, potential destruction of fossils is considered irreversible	High, fossils considered irreplaceable	High, since negative impacts are to be expected	Monitoring by a specialist before the start of the construction phase of the development in order to map, retrieve and rescue potential Quaternary fossil remains.	Low, since monitoring by a specialist before the start of the construction phase will reduce the impact.	High
						Operation	onal Phase				
Impact of operational activities on potential fossil-bearing Adelaide Subgroup strata and superficial sediments	Neutral, no destruction of in situ fossils likely	Local, i.e. within 5 km of the site	Permanen t	Low	Improbable	High, since there will be no impact on in situ fossils	Low, since there will be no impact on in situ fossils	Low, since status of impact considered neutral	No mitigation required	Low	High

Table 3. Significance Rating for Proposal 1 – SD 26 Jan

		Duration							
		Permanent	Long term	Medium term	Short term	Very short term			
Extent	National								
	Regional								
	Local								
EX	Site specific								

Table 3. Significance Rating for Proposal 2 – SD 26 Jan

		Duration							
		Permanent	Long term	Medium	Short	Very short			
				term	term	term			
	National								
Extent	Regional								
	Local								
Ĕ	Site specific								