Table 1 *Description of the Seabed Recorded along Each Transect in REA*

Transect	Depth (-m CD)	Description
Zone A - Cape Collinson (Monitoring Site)		
Transect 1		
Shallow	~5	The seabed was composed of rubbles and small boulders. The hard coral cover was low (< 5%) with 4 hard coral species *Oulastrea crispata, Goniopora stutchburyi, Psammocora superficialis* and *Cyphastrea chalcidicum* recorded. The octocoral cover was low (< 5%) with four species (*Paraplexaura* sp., *Echinomuricea* sp., *Viminella* sp. and *Ellisella* sp.) recorded.
Deep	~9	The seabed was mainly composed of sand (~50%). No hard coral colonies were found. The octocoral cover was low (< 6-10%) with gorgonians growing on sand. Seven species of octocorals (*Echinomuricea* sp., *Paraplexaura* sp., *Menella* sp., *Euplexaura* sp., *Muricella* sp., *Sinularia* sp. and *Dendronephthya* sp.) were recorded.
Transect 2		
Shallow	~5	The seabed was mainly composed of bedrocks (~60%). The hard coral cover was low (< 5%) with 2 hard coral species *Oulastrea crispata* and *Psammocora superficialis* recorded. The octocoral cover was low (< 5%) with 6 species (*Dendronethphya* sp., *Ellisella* sp. *Echinomuricea* sp., *Euplexaura* sp., *Paraplexaura* sp. and *Menella* sp.) recorded.
Deep	~8-9	The seabed was mainly composed of bedrocks (~50%). No hard coral colonies were found. The octocoral cover was low (< 6-10%) with 4 species (*Dendronethphya* sp., *Paraplexaura* sp., *Echinomuricea* sp. and *Euplexaura* sp.) recorded.
Transect 3		
Shallow	~5	The seabed was mainly composed of bedrocks (~60%). The hard coral cover was about 5% with 3 hard coral species *Oulastrea crispata, Goniopora stutchburyi* and *Plesiastrea versipora* recorded. The octocoral cover was low (< 5%) with 6 species (*Dendronethphya* sp., *Scleronephthya gracillicum, Ellisella* sp. *Echinomuricea* sp., *Viminella* sp., *Paraplexaura* sp. and *Menella* sp.) recorded.
Deep	~9	The seabed was mainly composed of bedrocks (~60%). No hard coral species was found. The octocoral cover was about 6-10% with 6 species (*Paraplexaura* sp., *Echinomuricea* sp., *Euplexaura* sp., *Anthogorgia* sp., *Dendronephthya* sp. and *Scleronephthya gracillicum*) recorded.
Zone B – Tai Long Pai (Monitoring Site)		
Transect 1		
Shallow	~2-5	The seabed was mainly composed of bedrocks (> 80%). No hermatypic hard coral species was recorded while 1 species of ahermatypic hard coral (*Tubastrea/Dendrophyllia* sp.) was recorded. The octocoral cover was about 5% with 4 species (*Dendronephthya* sp., *Menella* sp., *Euplexaura* sp., *Paraplexaura* sp.) recorded.
Deep	~5-15	The seabed was mainly composed of bedrocks (> 80%). No hard coral species was recorded. The octocoral cover was about 11-30% with 7 species (*Dendronephthya* sp., *Menella* sp., *Euplexaura* sp., *Paraplexaura* sp., *Anthogorgia* sp., *Verrucella* sp. and *Echinomuricea* sp.) recorded. Black coral colonies, *Antipathes curvata* and *Cirrhipathes* sp. were observed.
Transect 2		
Shallow	~2-5	The seabed was mainly composed of bedrocks (> 80%). The hard coral cover was extremely low (< 5%) with 3 species *Goniopora stutchburyi*, *Cyphastrea chalcidicum* and *Psammocora superficialis* recorded. Colonies of ahermatypic hard coral *Tubastrea/ Dendrophyllia* sp. were found. The octocoral cover was about 5% with 3 species (*Euplexaura* sp., *Paraplexaura* sp. and *Echinomuricea* sp.) recorded.

Transect	Depth (-m CD)	Description
Deep	~5-15	The seabed was mainly composed of bedrocks (> 80%). No hard coral species were recorded. The octocoral cover was about 11-30% with 7 species (*Dendronephthya* sp., *Menella* sp., *Euplexaura* sp., *Paraplexaura* sp., *Anthogorgia* sp., *Verrucella* sp. and *Echinomuricea* sp.) recorded. Black coral colonies, *Antipathes curvata* and *Cirrhipathes* sp. were observed.
Zone C – Tung Lung Chau (Control Site)		
Transect 1		
Shallow	~5	The seabed was mainly composed of bedrocks (~80%). The hard coral cover was low (< 5%) with 6 hermatypic hard coral species *Goniopora stutchburyi*, *Psammocora superficialis*, *Cyphastrea chalcidicum*, *Plesiastrea versipora*, *Porites lobata* and *Montipora mollis* recorded. One species of ahermatypic hard coral *Tubastrea/ Dendrophyllia* sp. was recorded. The octocoral cover was very low (< 5%) with *Dendronephthya* sp. and *Scleronephthya gracillicum* recorded.
Deep	~10	The seabed was mainly composed of bedrocks (~60%). The hard coral cover was low (<5%). The octocoral cover was low (< 10%) with *Euplexaura* sp., *Dendronephthya* sp. and *Scleronephthya gracillicum* recorded.
Transect 2		
Shallow	~5	The seabed was mainly composed of bedrocks (~40%). The hard coral cover was low (< 5%) with 6 species *Montipora peltiformis*, *Porties lobata*, *Cyphastrea chalcidicum*, *Favites chinensis*, *Goniopora stutchburyi* and *Plesiastrea verisipora* recorded. The octocoral cover was very low (< 5%) with only a few small colonies of *Dendronephthya* sp. recorded.
Deep	~8	The seabed was mainly composed of bedrocks (~80%). The hard coral cover was low (< 5%) with 3 species *Plesiastrea versipora*, *Porites lobata* and *Psammocora superficialis* recorded. The octocoral cover was low (< 10%) with *Acanthogorgia* sp., *Euplexaura* sp., *Dendronephthya* sp. and *Scleronephthya gracillicum* recorded.
Transect 3		
Shallow	5	The seabed was mainly composed of bedrocks and small boulders. The hard coral cover was low (< 5%) with 4 species *Porites lobata*, *Goniopora stutchburyi*, *Plesiastrea verisipora* and *Cyphastrea chalcidicum* recorded. The octocoral cover was very low (< 5%) with *Echinomuricea* sp. recorded.
Deep	~9	The seabed was mainly composed of bedrocks (50%). The hard coral cover was low (< 5%) with 4 species *Montipora peltiformis*, *Goniopora stutchburyi*, *Cyphastrea chalcidicum* and *Psammocora superficialis* recorded. The octocoral cover was low (< 10%) with *Euplexaura* sp., *Dendronephthya* sp. and *Scleronephthya gracillicum recorded*.

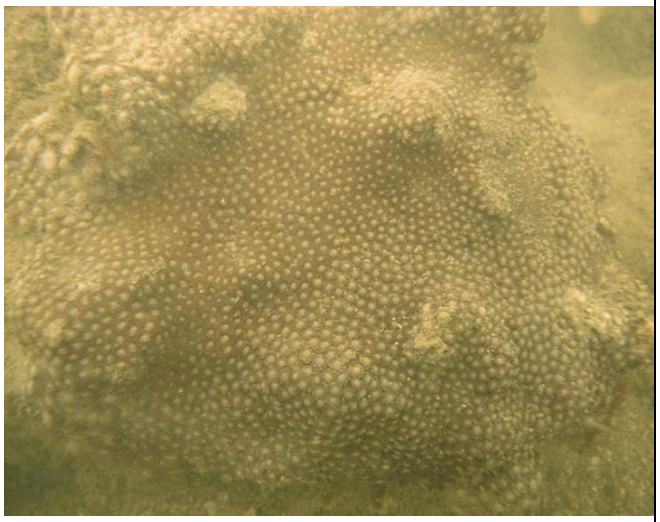
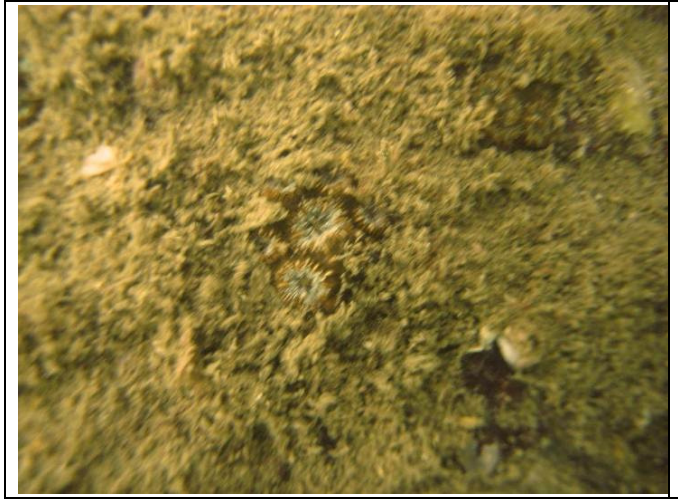
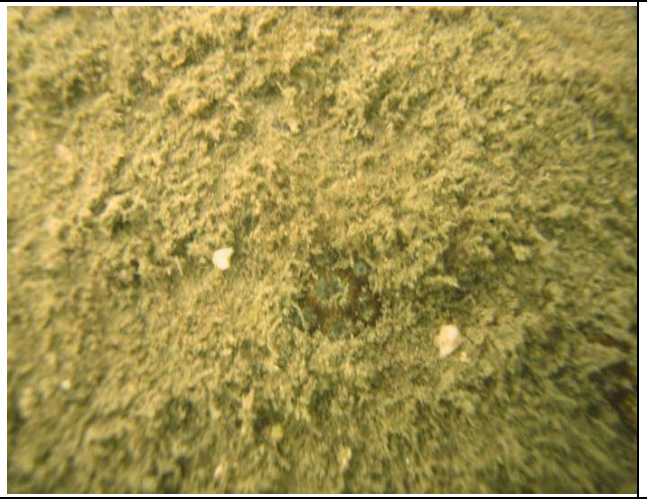
Table 2 *Seabed Attributes along the Semi-Quantitative Survey Transects*

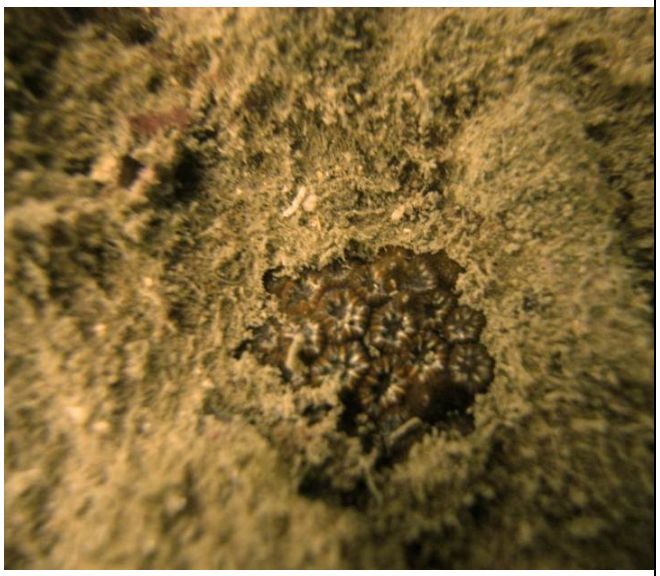
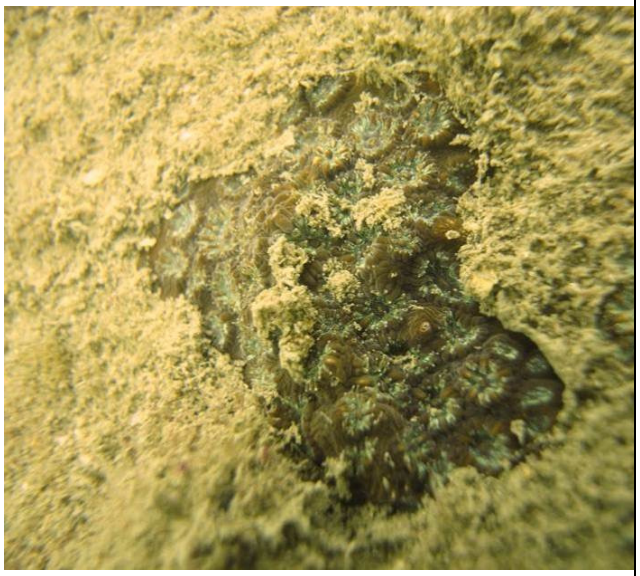
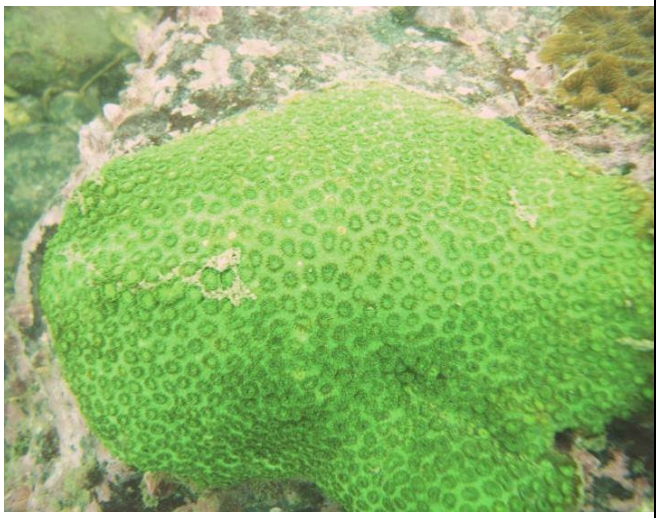
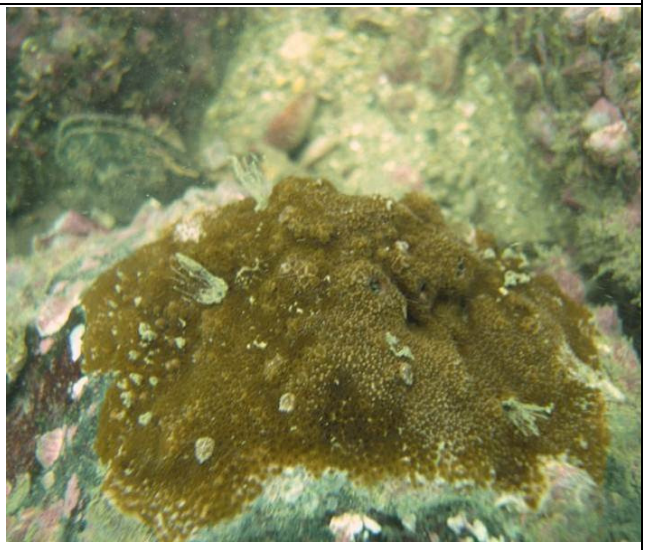
Zone	**A**						**B**				**C**					
Depth [(a)]	S1	S2	S3	D1	D2	D3	S1	S2	D1	D2	S1	S2	S3	D1	D2	D3
Seabed attributes [(b)]																
Bedrock	0	5	4	1	5	5	6	6	6	6	6	4	4	5	6	4
Boulders – large	3	2	3	2	3	3	1	2	3	3	0	3	3	2	2	2
Boulders – small	3	2	3	3	3	2	1	1	2	2	0	3	3	2	0	3
Rock	1	1	1	1	1	1	0	0	0	0	1	2	1	1	0	1
Rubble	3	2	1	2	1	1	1	1	1	1	1	2	1	2	0	2
Sand	2	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1
Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ecological attributes [(b)]																
Hard coral	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dead standing coral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octocoral	1	1	1	2	2	2	1	1	3	3	1	1	1	2	2	2
Black coral	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Turf algae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macroalgae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coralline algae	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Notes: (a) s = shallow water; m = mid water; d=deep water

(b) 1=<5% Cover, 2= 6-10% Cover, 3 = 11-30% Cover, 4 = 31-50% Cover, 5 = 51-75% Cover, 6 = 76-100% Cover.

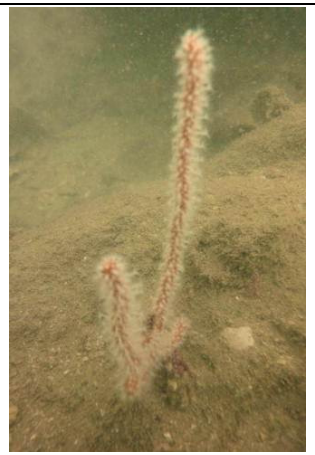
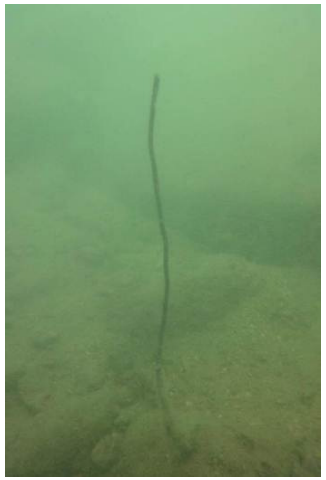
Annex D1 Photographic Records of Identified Hard Coral Colonies at Impact Monitoring Site (Zone A – Cape Collinson) during the Baseline Coral Monitoring Survey

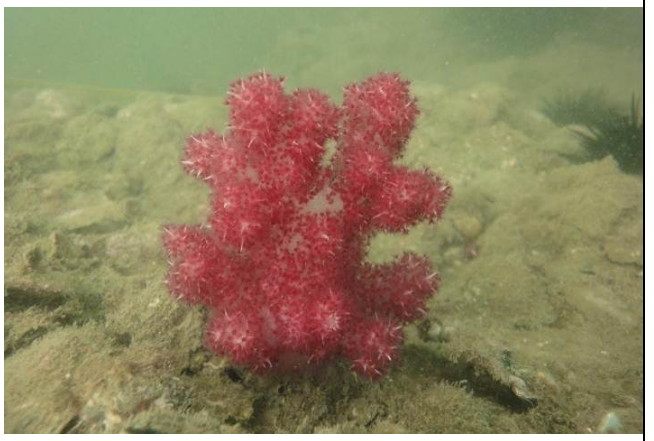
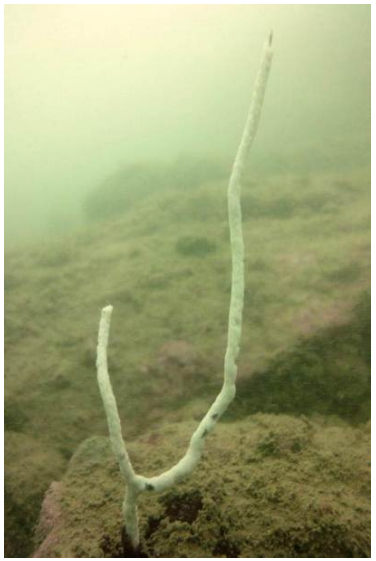
Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15
		

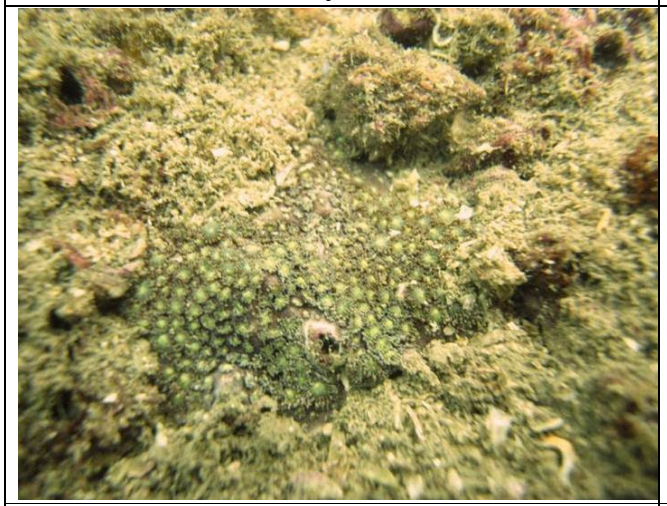
Annex D2 Photographic Records of Identified Octocoral/ Black Coral Colonies at Impact Monitoring Site (Zone A – Cape Collinson) during the Baseline Coral Monitoring Survey

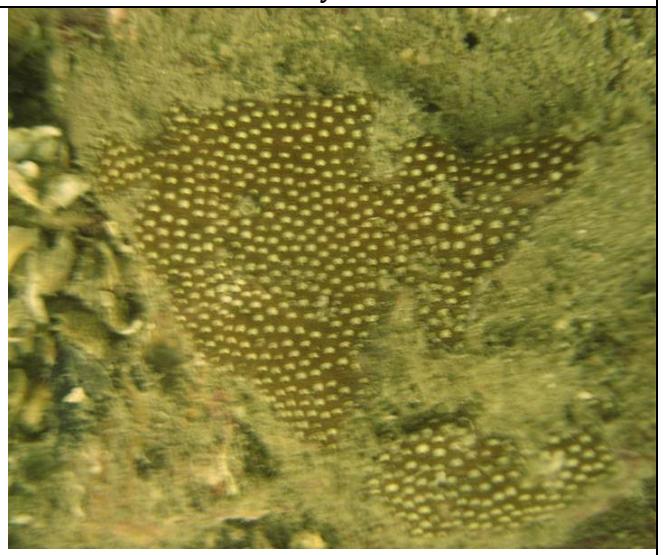
Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

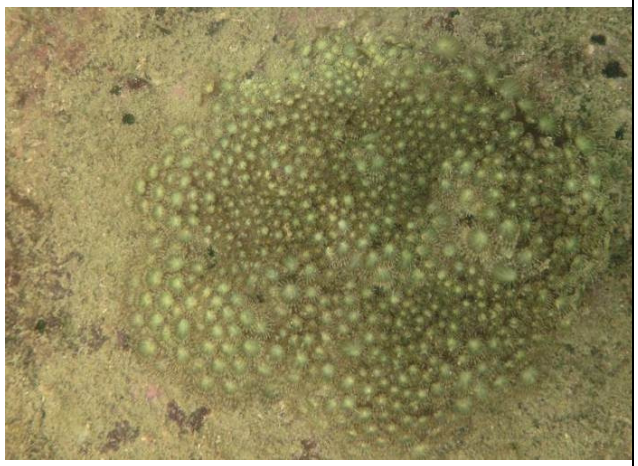
Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15
		

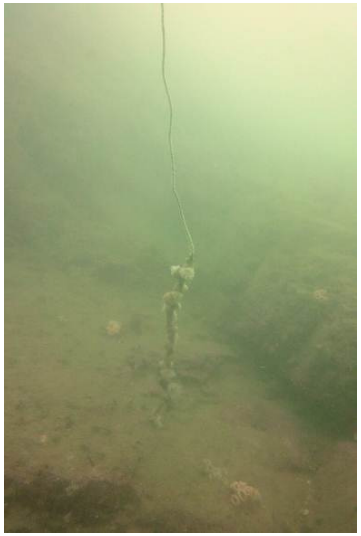
Annex D3 Photographic Records of Identified Hard Coral Colonies at Impact Monitoring Site (Zone B – Tai Long Pai) during the Baseline Coral Monitoring Survey

Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15
		

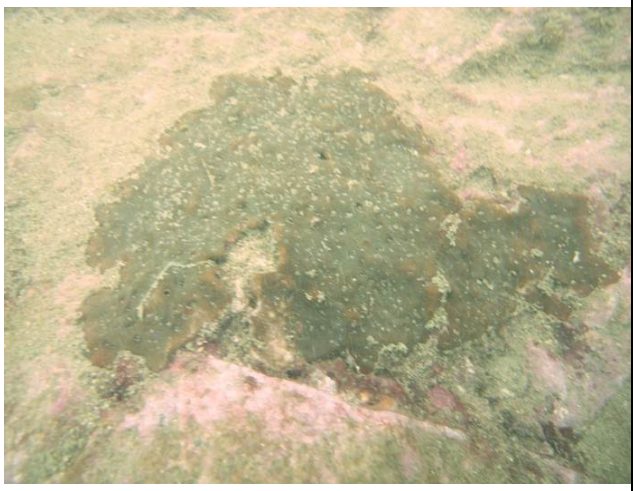
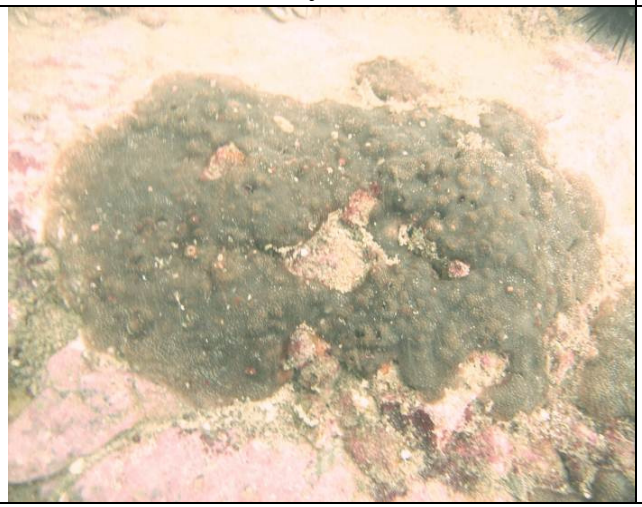
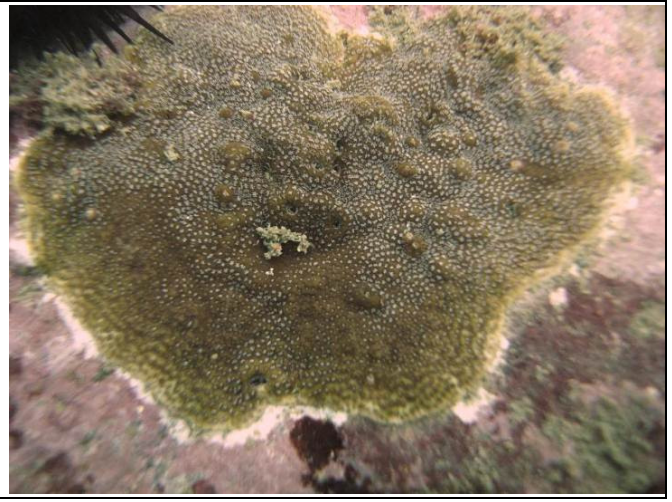
Annex D4 Photographic Records of Identified Octocoral/ Black Coral Colonies at Impact Monitoring Site (Zone B – Tai Long Pai) during the Baseline Coral Monitoring Survey

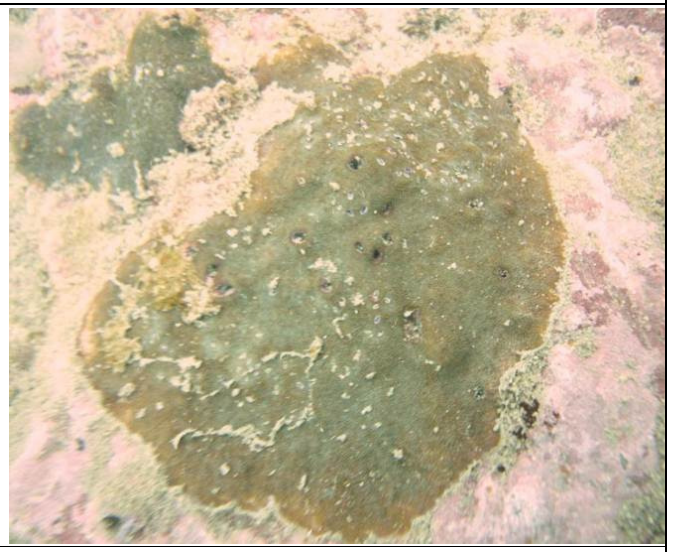
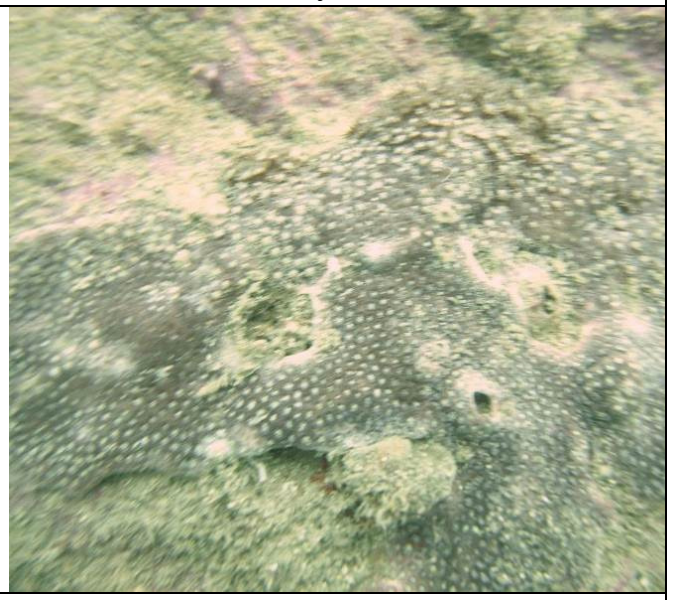
Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

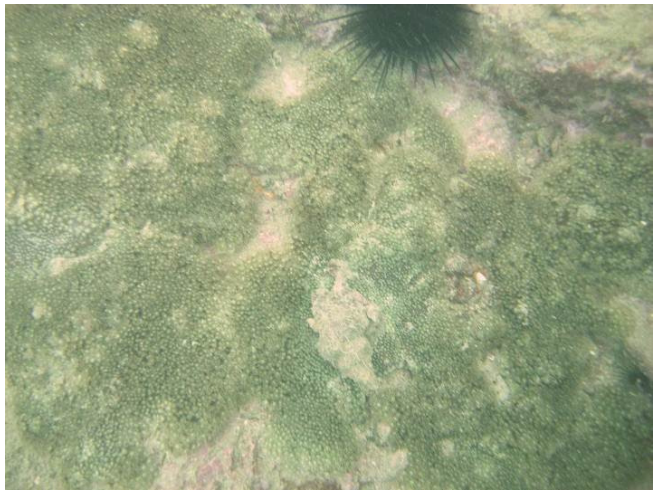
Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15
		

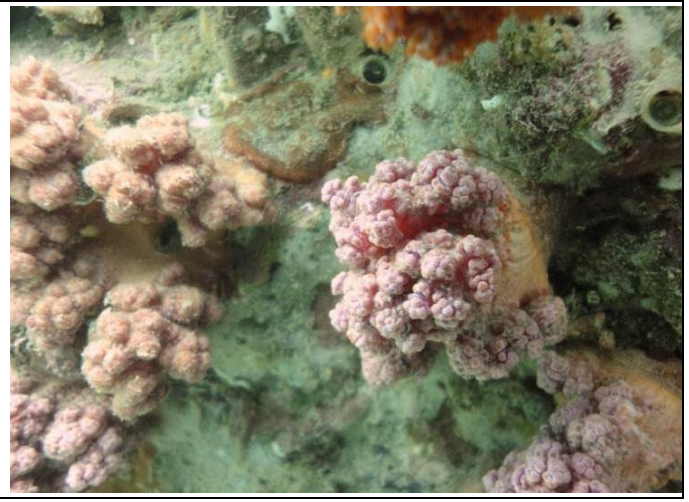
Annex D5 Photographic Records of Identified Hard Coral Colonies at Control Monitoring Site (Zone C –Tung Lung Chau) during the Baseline Coral Monitoring Survey

Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15
		

Annex D6 Photographic Records of Identified Octocoral/ Black Coral Colonies at Control Monitoring Site (Zone C –Tung Lung Chau) during the Baseline Coral Monitoring Survey

Colony No. 1	Colony No. 2	Colony No. 3
		
Colony No. 4	**Colony No. 5**	**Colony No. 6**
		

Colony No. 7	Colony No. 8	Colony No. 9
		
Colony No. 10	**Colony No. 11**	**Colony No. 12**
		

Colony No. 13	Colony No. 14	Colony No. 15