

ASSESSMENT OF THE VULNERABILITY OF SELECTED GULF OF MEXICO CORAL SITES BASED ON THE RANKING OF PERTINENT FACTORS																																
PROJECT SITE	FACTORS																												TOTALS			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23		24	25	26		27	28	
	AREA (ha)	RELIEF (m)	DEPTH (m)	BASE SUBSTRATUM	TEMPERATURE REGIME (°C)	SALINITY REGIME (ppt)	CLOSEST PROX. TO SHORE (km)	CLOSEST PROX. TO MAJOR RIVER (km)	CLOSEST PROX. TO ACTIVE O&G FACILITY (km)	CLOSEST PROX. TO WIND FIELD (km)	CLOSEST PROX. TO MINING (km)	CLOSEST PROX. TO MAJOR SHIPPING LANE (km)	CLOSEST PROX. TO OTHER PROTECTED AREA (km)	CLOSEST PROX. TO MILITARY OPERATIONS (km)	CLOSEST PROX. TO DUMPING AREA (km)	CLOSEST PROX. TO ACTIVE METHANE SEEP (km)	SCLERACTINIAN CORAL SPECIES RICHNESS	OCTOCORAL SPECIES RICHNESS	HYDROZOAN CORAL SPECIES RICHNESS	ANTIPATHARIAN CORAL SPECIES RICHNESS	FISH SPECIES RICHNESS	FISHING ACTIVITY(IES)	FISHING INTENSITY (BLI-Mean)	FISHING INTENSITY (Trawl-Mean)	FISHERY TYPE(S)	FISHERY GEAR	INVASIVE SPECIES	DISEASE INCIDENCE		RESEARCH HISTORY	CURRENT PROTECTIONS	VULNERABILITY TO CLIMATE CHANGE
SOUTHEASTERN GULF OF MEXICO																																
Northern West Florida Slope*	8	5	2	3			4	3	5			3	3		5	0	3	3		2	5		4	4			1		5			55
North Reed Site	4		2	3			4	3	5			3	3		3	0	3	3		3	5		4	3			1		4			56
Long Mound	4		2	3			4	3	5			3	3		3	0	3	4		2	5		4	4			1		4			57
Many Mounds	4		2	3			4	3	5			3	3		5	0	3	4		2	5		4	4			1		4			59
West Florida Wall	4	5	2	3			4	3	5			3	3		3	0	3	4		2	5		4	4			1		4			62
Southern West Florida Slope*	8		2				4	3	5			3	5		5	0	3	3		2			4	4			1		5			57
Okeanos Ridge	5		2	3			4	3	5			1	3		5	0	3	4		3			4	3			1		2			51
NORTHEASTERN GULF OF MEXICO																																
Pinnacles Reefs*	8	4	1	3			2	1	2			1	3		3	3	3	4		3			4	2			0		4			51
Triple Top Reef	2	4	1	3			2	1	1			1	3		3	3	3	4		3			3	2			0		2			41
Double Top Reef	2	4	1	3			2	1	1			1	3		3	3	3	4		3	3		3	2			0		2			44
Shark Reef	2	2	1	3			2	1	1			1	3		3	3	3	4		3	3		3	2			0		2			42
Far Tortuga	2	2	1	3			2	1	3			1	3		1	3	3	4		3	3		3	3			0		2			43
Patch Reef Field	4	4	1	3			2	2	3			1	3		1	3	3	4		3	3		0	3			0		2			45
Solitary Mound	2	2	1	3			2	2	3			1	3		1	3	3	4		3	4		0	3			0		2			42
Mountain Top Bank	2	4	1	3			2	1	1			1	3		3	5	3	4		3	3		4	1			0		2			46
Pinnacle 1 Near West	4		1				2	1	1			1	3		3	5	3	4		3			4	2			0		2			39
West Pinnacle 2	4		1				2	1	1			1	3		3	5	3	4		3			4	2			0		2			39
Porgy Reef	2	4	1				2	2	3			1	3		1	0	3	4		3	3		3	5			0		2			42
Cats Paw Reef	2	4	1				2	2	3			1	3		1	0	3	4		3	3		3	5			0		2			42
Yellowtail Reef	2	4	1				2	2	3			1	3		1	0	3	4		3	5		3	4					4			45
DeSoto Canyon																																
DeSoto Canyon Rim	4	2	1					1	3			1	5		1	0	3	4		3	5		0	3			0		4			40
Destin Dome																																
Destin Dome 51/52	4	2	1	3			1	1	3			1	5		1	0	4	3			5		4	3			0		2			43
Destin Dome 99; 55/56/57	4	4	1	3			1	1	3			1	5		1	0	0	4		4	5		4	3			1		2			47
Destin Dome 617		4	1	3			2	2	3			1	3		1	3	3	3		2	3		4	3			1		2			44
NORTHWESTERN GULF OF MEXICO																																
Sonnier Bank	2	2	1	3			4	2	1			1	5		3	3	4	3		2	5		3	2			0		4			50
29-Fathom Bank	4	2	1				4	2	1			1	5		3	5							4	2			1		4			39
MacNeil Bank	4	4	1	2			4	2	1			1	5		3	5							4	2			1		2			41
Alderdice Bank	4	2	1	3			4	2	3			1	5		3	5	5	5		4	5		4	2			0		4			62
Bouma Bank	4	2	1	2			4	2	1			1	5		3	5	5	5		4	4		4	3			0		2			57
Horseshoe Bank	4	2	2	3			4	2	3			1	5		3	5							4	3			0		4			45
Rankin Bright Bank	8	2	1	3			4	2	3			1	5		3	5	5	5		4	5		4	3			0		5			68
Geyer Bank	4	2	1	3			4	2	3			1	5		3	5	5	5		4	5		4	3			0		4			63
Elvers Bank	4	2	1	2			4	2	3			1	5		5	5	5	5		4	5		4	4			0		4			65
Rezak Sidner Bank	4	2	1	2			4	2	3			1	5		5	5	5	5		4	4		4	4			0		4			64
Parker Bank	4		1	2			4	2	1			1	5		3	5	5	5		4	5		4	3			0		4			58
Jakkula Bank	4	4	1	2			4		3				5		3	5	5	5		4	4		4	4			1		4			62
SOUTHWEST GULF BANKS (SW GOM)																																
South Texas Banks - North																																
Baker Bank	2	4	1	2			2	1	1			1	3		1	5	4	3		2	5		4	1			1		5			48
Hospital Bank	2	5	1	2			2	1	3			1	3		1	5	4	3		2	4		4	2			0		4			49
North Hospital Bank	2	4	1	2			2	1	3			1	3		1	5	4	3		2	5		4	2			0		4			49
Aransas Bank	2	4	1	2			2	1	3			1	3		1	5	4	3		2	5		4	2			1		5			51
South Texas Banks - South																																
Dream Bank	4	4	1	2			2	1	3			1	3		3	5	4	3		2	4		4	1			1		4			52
Mysterious Banks	4	4	1	2			2	1	3			1	3		3	5	4	3		2	3		4	2			1		4			52
Big Adam Rock/Big Adam Bank	2	4	1	2			2	1	3			1	3		3	5	4	3		2	4		4	3			1		4			52
Blackfish Ridge	2	4	1	2			2	1	3			1	3		3	5	4	3		2	3		4	2			1		4			50

* = Megasite