

**LANDING SITES PRIORITIZED AT FIRST MSL WORKSHOP**

<b>NAME</b>	<b>LOCATION</b>	<b>ELEVATION</b>	<b>TARGET</b>	<b>PROPOSER</b>
Nili Fossae Trough	~22°N, ~75°E	-0.6 km	Phyllosilicates	J. Mustard
Holden Crater Fan	26.4°S, 325.3°E	-2.3 km	Layered Materials	R. Irwin, J. Grant, Malin, Edgett, Rice
Terby Crater	28°S, 73°E	-5 km	Layered Material	S. Wilson, Cohen, Dobrea
Marwth Vallis	22.3°N, 343.5°E	~-2 km	Phyllosilicates	J-P Bibring
Eberswalde Crater	24.0°S, 326.3°E	-0.8 and -0.4 km	Delta	J. Schieber, J. Dickson, Rice
Gale Crater	4.6°S, 137.2°E	-4.5 km	Interior Layered Deposits	J. Bell, N. Bridges
W Candor East	Various	-4 km	Sulfate Deposits	N. Mangold
N Meridiani	2.7°N, 358.8°E	-1.5	Sedimentary Layers	Edgett/Malin
Juventae Chasma	5°S, 297°E	-2 km	Layered Sulfates	J. Grotzinger
Nilo Syrtis	~23°N, ~76°E	~-0.5	Phyllosilicates	Mustard
Melas Chasma	9.8°S, 283.6°E	-1.9 km	Paleolake	C. Quantin
E. Meridiani	0°, 3.7°E	~-1.3 km	Sedimentary Layers	B. Hynek
Athabasca Vallis	10N, ?°E	-2.4 km	Cerberus Rupes Deposits	D. Burr
Iani Chaos	2°S, ~342°E	Below -2 km	Hematite, Sulfate	T. Glotch
Nili Fossae Crater	18.4°N, 77.68°E	-2.6 km	Valley Networks, layers	J. Rice
Eos Chasma	~11°N, ~320°E	~-4 km	Chert	Hamilton
Meridiani Crater Lake	5.6°N, 358°E	~-1.5 km	Crater lake sediments	L. Posiolova
NE Syrtis Major	~10°N, ~70°E	~1 km	Volcanics	R. Harvey
Margaritifer basin	12.77°S, 338.1°E	-2.12 km	Fluvial Deposits	K. Williams
E. Melas Chasma	11.62°S, 290.45°E	Below-2 km	Interior Layered Deposits	M. Chojnacki
Hellas/Dao Vallis	40°S, 85°E	Below -2 km	A major valley	L. Crumpler
Xanthe/Hypanis Vallis	11°N, 314°E	Below -2 km	Delta	L. Crumpler
Becquerel Crater	21.8°N, 351°E	-2.6 to -3.8 km	Layered Sedimentary Rocks	J. C. Bridges
SW Arabia Terra	2-12°N, 355-348°E	-1 km	Sed. Rocks, Methane	C. Allen
Gullies/Hale Crater	35.7°S, 323.4°E	-2.4 km	Gullies	W. E. Dietrich
W. Arabia	8.9°N, 358.8°E	-1.2 km	Sedimentary Rocks	E. Heydari
Argyre	56.8°S, 317.7°E	-1.5 km	Glacial Features	J. Kargel
NW Slope Valleys	~0, 145°E	~-2 km	Flood Features	J. Dohm
W. Meridiani	1.8°S, 7.6°E	~-1.0 to -1.5 km	Sediments, Hematite	H. Newsom
Elysium/Avernus Colles	1.0°S, 169.5°E	Below -2 km	High iron abundance	L. Crumpler
Meridiani Bench	7.5°N, 354°E	~-1 to -1.5 km	Layered Sediments	A. Howard
SML CratersS	49°S, 14°E	Above -0.5 km	Recent Climate Deposits	M. Kreslavsky
Isidis Basin Escarp	5-15°N, 80-95°E	Below -2 km	Volatile sink	L. Crumpler