

| LANDING SITES PROPOSED TO FIRST MSL WORKSHOP |                   |                  |                           |                         |
|--|-------------------|------------------|---------------------------|-------------------------|
| NAME   | LOCATION          | ELEVATION        | TARGET                    | PROPOSER                |
| Gale Crater                                  | 4.6°S, 137.2°E    | -4.5 km          | Interior Layered Deposits | J. Bell, N. Bridges     |
| Eberswalde Crater                            | 24.0°S, 326.3°E   | -0.8 and -0.4 km | Delta                     | J. Schieber, J. Dickson |
| Eberswalde Crater                            | 23.8°S, 326.7°E   | -1.48 km         | Delta                     | J. Rice                 |
| Candor Chasma                                | Various           | -4 to +3 km      | Sulfate Deposits          | N. Mangold              |
| Melas Chasma                                 | 9.8°S, 283.6°E    | -1.9 km          | Paleolake                 | C. Quantin              |
| E. Melas Chasma                              | 11.62°S, 290.45°E | Below-2 km       | Interior Layered Deposits | M. Chojnacki            |
| Aram Chaos                                   | 2.5°N, 338°E      | -1.6 to -3.8 km  | Hematite                  | N. Cabrol               |
| Iani Chaos                                   | 2°S, ~342°E       | Below -2 km      | Hematite, Sulfate         | T. Glotch               |
| W. Meridiani                                 | 7.5°N, 354°E      | ~-1 to -1.5 km   | Layered Sediments         | A. Howard               |
| N. Sinus Meridiani                           | 5.6°N, 358°E      | ~-1.5 km         | Crater lake sediments     | L. Posiolova            |
| E. Meridiani                                 | 0°, 3.7°E         | ~-1.3 km         | Sedimentary Layers        | B. Hynek                |
| E. Meridiani                                 | 1.8°S, 7.6°E      | ~-1.0 to -1.5 km | Sediments, Hematite       | H. Newsom               |
| W. Arabia                                    | 8.9°N, 358.8°E    | -1.2 km          | Sedimentary Rocks         | E. Heydari              |
| SW Arabia Terra                              | 2-12°N, 355-348°E | -1 km            | Sed. Rocks, Methane       | C. Allen                |
| Becquerel Crater                             | 21.8°N, 351°E     | -2.6 to -3.8 km  | Layered Sedimentary Rocks | J. C. Bridges           |
| Terby Crater                                 | 28°S, 73°E        | -5 km            | Layers in crater          | T. Parker               |
| Terby Crater                                 | 28°S, 74°E        | -5 km            | Light-toned Outcrops      | Z. Noe Dobrea           |
| Terby Crater                                 | 28°S, 73°E        | -5 km            | Layered Material          | S. Wilson               |
| S. Holden Crater                             | ~26.4°S, 325.3°E  | -2.25 km         | Lacustrine Layers         | M. Malin                |
| Holden Crater                                | 26.4°S, 325.3°E   | -2.3 km          | Layered Materials         | R. Irwin, J. Grant      |
| Holden Crater                                | 26.1°S, 326°E     | -2.2 km          | Layered Materials         | J. Rice                 |
| Palos Crater                                 | 2.7°S, 110.8°E    | -0.75 km         | Layered Materials         | J. Rice                 |
| Argyre                                       | 56.8°S, 317.7°E   | -1.5 km          | Glacial Features          | J. Kargel               |
| S. Hemisphere                                | 49°S, 14°E        | Above -0.5 km    | Recent Climate Deposits   | M. Kreslavsky           |
| Hale Crater                                  | 35.7°S, 323.4°E   | -2.4 km          | Gullies                   | W. E. Dietrich          |
| Wirtz Crater                                 | 48.6°S, 334°E     | 0.6 km           | Gullies                   | W. E. Dietrich          |
| Athabasca Vallis                             | 10N, ?°E          | -2.4 km          | Cerberus Rupes Deposits   | D. Burr                 |
| Nili Fossae Crater                           | 18.4°N, 77.68°E   | -2.6 km          | Valley Networks, layers   | J. Rice                 |
| NE Syrtis Major                              | ~10°N, ~70°E      | ~0.5 to 1.5 km   | Volcanics                 | R. Harvey               |
| Margaritifer basin                           | 12.77°S, 338.1°E  | -2.12 km         | Fluvial Deposits          | K. Williams             |
| Margaritifer basin                           | 11.54°S, 337.3°E  | -2.535 km        | Fluvial Deposits          | K. Williams             |
| Avernus Colles                               | 1.0°S, 169.5°E    | Below -2 km      | High iron abundance       | L. Crumpler             |
| Dao Vallis                                   | 40°S, 85°E        | Below -2 km      | A major valley            | L. Crumpler             |
| Isidis Basin floor                           | 5-15°N, 80-95°E   | Below -2 km      | Volatile sink             | L. Crumpler             |
| Hypanis Vallis                               | 11°N, 314°E       | Below -2 km      | Delta                     | L. Crumpler             |
| NW Slope Valleys                             | Various           | Above 0 km?      | Flood Features            | J. Dohm                 |
| Nili Fossae                                  | ~22°N, ~75°E      | -0.6 km          | Phyllosilicates           | J. Mustard              |
| Marwth Vallis                                | 22.3°N, 343.5°E   | ~-2 km           | Phyllosilicates           | J-P Bibring             |
| Juventae Chasma                              | 5°S, 297°E        | -2 km            | Layered Sulfates          | J. Grotzinger           |
| Eos Chasma                                   | 13.9°S, 317.2°E   | -3.9 km          | Quartz-Bearing Materials  | V. Hamilton             |
| Eos Chasma                                   | 12.4°S, 320.3°E   | -4.0 km          | Quartz-Bearing Materials  | V. Hamilton             |
| Eos Chasma                                   | 10.9°S, 321.7°E   | -4.1 km          | Quartz-Bearing Materials  | V. Hamilton             |