

Table A1. Summary of Opportunity MI Observations, Sols 1–900

Sol	Starting Image ID	Target	Feature	Target Type	No. ^a	CS ^b	S/M ^c	Relation to RAT/MB ^d	Pancam Sequence ^e
2	1M128363423	NA	NA	Health Check	1	C	M	NA	None
9	1M128996928	Sidewalk	MerLot	Soil	5	O	M	NA	p2369, Sol 008
10	1M129070954	Tarmac	MerLot	Soil	5	O	M	PreMB	p2374, Sol 012
10	1M129071300	Tarmac	MerLot	Soil	1	C	M	PreMB	p2374, Sol 012
12	1M129247958	Tarmac	MerLot	Soil	5	O	M	PostMB	p2374, Sol 012
12	1M129248319	Tarmac	MerLot	Soil	1	C	M	PostMB	p2374, Sol 012
14	1M129426120	Wit	Target	Soil	15	C	S	PreMB	p2549, Sol 014
14	1M129430151	Wit	Target	Soil	5	C	M	PostMB	p2549, Sol 014
15	1M129514765	Piedmont	Stone Mt.	Soil	5	O	M	NA	p2549, Sol 014
15	1M129515505	Robert E	Stone Mt.	Outcrop	10	O	S	NA	p2549, Sol 014
17	1M129692361	Freckles	BerryFlats	Soil	5	O	M	PreMB	p2555, Sol 017
17	1M129695788	Freckles	BerryFlats	Soil	3	O	M	PostMB	p2555, Sol 017
18	1M129781117	DarkNuts	Bravo_Flats	Soil	5	O	M	PreMB	p2557, Sol 018
19	1M129869615	DarkNuts	Bravo_Flats	Soil	5	O	M	PreMB	p2557, Sol 018
19	1M129875002	DarkNuts	Bravo_Flats	Soil	3	O	M	PostMB	p2557, Sol 019
20	1M129958677	Flashy2	Charlie_Flats	Soil	5	O	M	PreMB	p2564, Sol 020
20	1M129959233	Flashy2	Charlie_Flats	Soil	1	C	M	PreMB	p2564, Sol 020
20	1M129961977	Flashy2	Charlie_Flats	Soil	3	O	M	PostMB	p2564, Sol 020
22	1M130137047	Hema2	Hematite Slope	Soil	5	O	M	PreMB	p2565, Sol 021
22	1M130137481	Hema2	Hematite Slope	Soil	1	C	M	PreMB	p2565, Sol 021
23	1M130225038	Hema2	Hematite Slope	Soil	3	O	M	PostMB	p2565, Sol 021
23	1M130225457	Hematrack1	Hematite Slope	Soil (track)	7	O	M	NA	p2565, Sol 021
23	1M130225938	Hematrack1	Hematite Slope	Soil (track)	1	C	M	NA	p2565, Sol 021
24	1M130314030	Hematrench wall2	BigDig	Trench	7	O	M	PreMB	p2385, Sol 026
24	1M130314510	Hematrench wall2	BigDig	Trench	1	C	M	PreMB	p2385, Sol 026
24	1M130314813	Hematrench1	BigDig	Trench	7	O	M	PreMB	p2385, Sol 026
24	1M130315505	Hematrench1	BigDig	Trench	1	C	M	PreMB	p2385, Sol 026
25	1M130404206	Hematrench1	BigDig	Trench	1	O	M	Post MB	p2385, Sol 026
25	1M130404446	HemaTrenchWall	BigDig	Trench	5	O	M	NA	p2385, Sol 026
25	1M130404829	Hematrench wall2	BigDig	Trench	1	O	M	NA	p2385, Sol 026
25	1M130404892	HemaTrenchWall2Below	BigDig	Trench	5	O	M	NA	p2385, Sol 026
25	1M130405277	HemaTrenchWall5	BigDig	Trench	5	O	M	NA	p2385, Sol 026
26	1M130491401	Hematrench wall2	BigDig	Trench	3	O	M	Post MB	p2385, Sol 026
27	1M130580128	Shalt	Stone Tablet	Outcrop	5	O	M	PreMB	p2546, Sol 041
27	1M130580905	Shalt	Stone Tablet	Outcrop	1	C	M	PreMB	p2546, Sol 041
27	1M130585004	Red Sea	Stone Tablet	Outcrop	5	O	M	PreMB	p2546, Sol 041
27	1M130585376	Red Sea	Stone Tablet	Outcrop	1	C	M	PreMB	p2546, Sol 041
28	1M130669576	TopMI	McKittrick	Outcrop	5	O	M	PreMB	p2533, Sol 037
28	1M130669958	TopMI	McKittrick	Outcrop	1	C	M	PreMB	p2533, Sol 037
28	1M130670167	UpperMI	McKittrick	Outcrop	5	O	M	PreMB	p2533, Sol 037
28	1M130670552	UpperMI	McKittrick	Outcrop	1	C	M	PreMB	p2533, Sol 037
28	1M130670761	MiddleRAT	McKittrick	Outcrop	10	O	S	PreMB	p2533, Sol 037
28	1M130671514	MiddleRAT	McKittrick	Outcrop	1	C	M	PreMB	p2533, Sol 037
28	1M130671710	LowerMI	McKittrick	Outcrop	5	O	M	PreMB	p2533, Sol 037
28	1M130672136	LowerMI	McKittrick	Outcrop	1	C	M	PreMB	p2533, Sol 037
28	1M130672440	GuadalupeRATLower	Guadalupe	Outcrop	10	O	S	PreMB	p2387, Sol 027
28	1M130673194	GuadalupeRATLower	Guadalupe	Outcrop	1	C	M	PreMB	p2387, Sol 027
28	1M130673422	Middle	Algerita	Outcrop	5	O	M	NA	p2531, Sol 036
28	1M130673852	Middle	Algerita	Outcrop	1	C	M	NA	p2531, Sol 036
29	1M130759958	McRATRight	McKittrick	Outcrop	5	O	M	PreRAT	p2533, Sol 037
29	1M130760302	McRATRight	McKittrick	Outcrop	1	C	M	PreRAT	p2533, Sol 037
29	1M130760650	GuadalupeRATRight	Guadalupe	Outcrop	10	O	S	NA	p2531, Sol 036
29	1M130761427	GuadalupeBerry	Guadalupe	Outcrop	5	O	M	NA	p2387, Sol 027
29	1M130761822	GuadalupeBerry	Guadalupe	Outcrop	1	C	M	NA	p2387, Sol 027
29	1M130762034	McKittrick_base	McKittrick	Outcrop	5	O	M	NA	p2546, Sol 041
29	1M130762436	McKittrick_base	McKittrick	Outcrop	1	C	M	NA	p2546, Sol 041
29	1M130762666	JimsBerry	McKittrick	Outcrop	5	O	M	NA	p2546, Sol 041
29	1M130763016	JimsBerry	McKittrick	Outcrop	1	C	M	NA	p2546, Sol 041
30	1M130846336	GuadalupeRATTop	Guadalupe	Outcrop	5	O	M	NA	p2387, Sol 027
30	1M130859270	MiddleRAT	McKittrick	Outcrop	12	O	S	PostRAT	p2533, Sol 037
33	1M131117213	MiddleRAT	McKittrick	Outcrop	3	O	M	PostRAT	p2533, Sol 037
34	1M131201538	King2	Guadalupe	Outcrop	3	O	M	PreRAT	p2387, Sol 027
34	1M131212713	King2	Guadalupe	Outcrop	3	O	M	PostRAT	p2598, Sol 035
35	1M131295970	King3	Guadalupe	Outcrop	6	O	S	PostRAT	p2598, Sol 035
35	1M131296470	King3	Guadalupe	Outcrop	2	C	M	PostRAT	p2598, Sol 035
38	1M131556907	Paydirt1	IDD_Fine_soil	Soil	10	O	S	PreMB	p2536, Sol 037
38	1M131557959	Paydirt1	IDD_Fine_soil	Soil	2	C	M	PreMB	p2536, Sol 037
38	1M131558117	Paydirt1	IDD_Fine_soil	Soil	10	O	S	PostMB	p2536, Sol 037
38	1M131559248	Paydirt1	IDD_Fine_soil	Soil	2	C	M	PostMB	p2536, Sol 037
38	1M131559422	Capture magnet	Rover	Magnet	6	O	S	NA	p2536, Sol 037
38	1M131564197	Capture magnet	Rover	Magnet	1	C	M	NA	p2536, Sol 037
38	1M131564268	Filter magnet	Rover	Magnet	6	O	S	NA	p2536, Sol 037