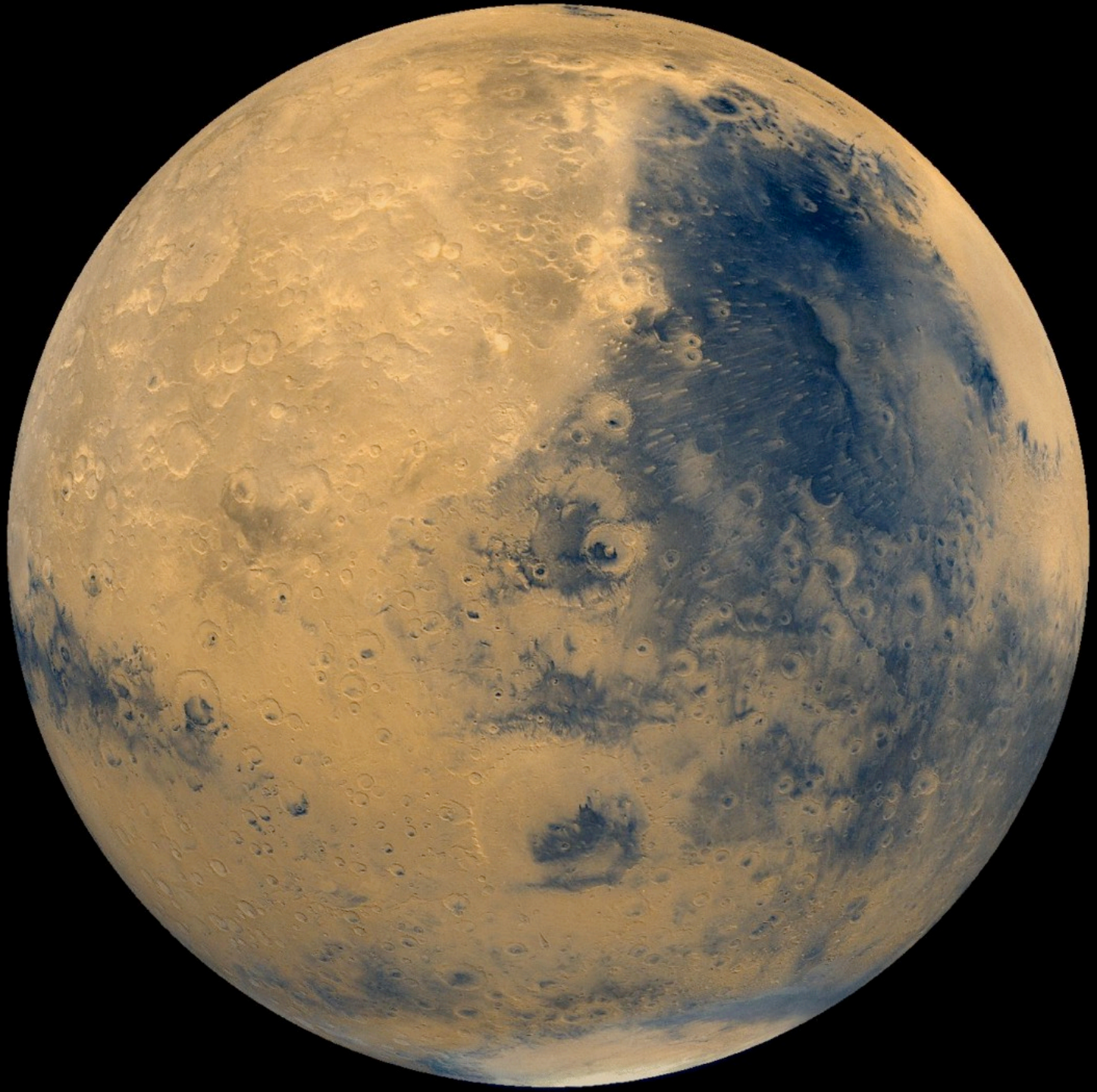
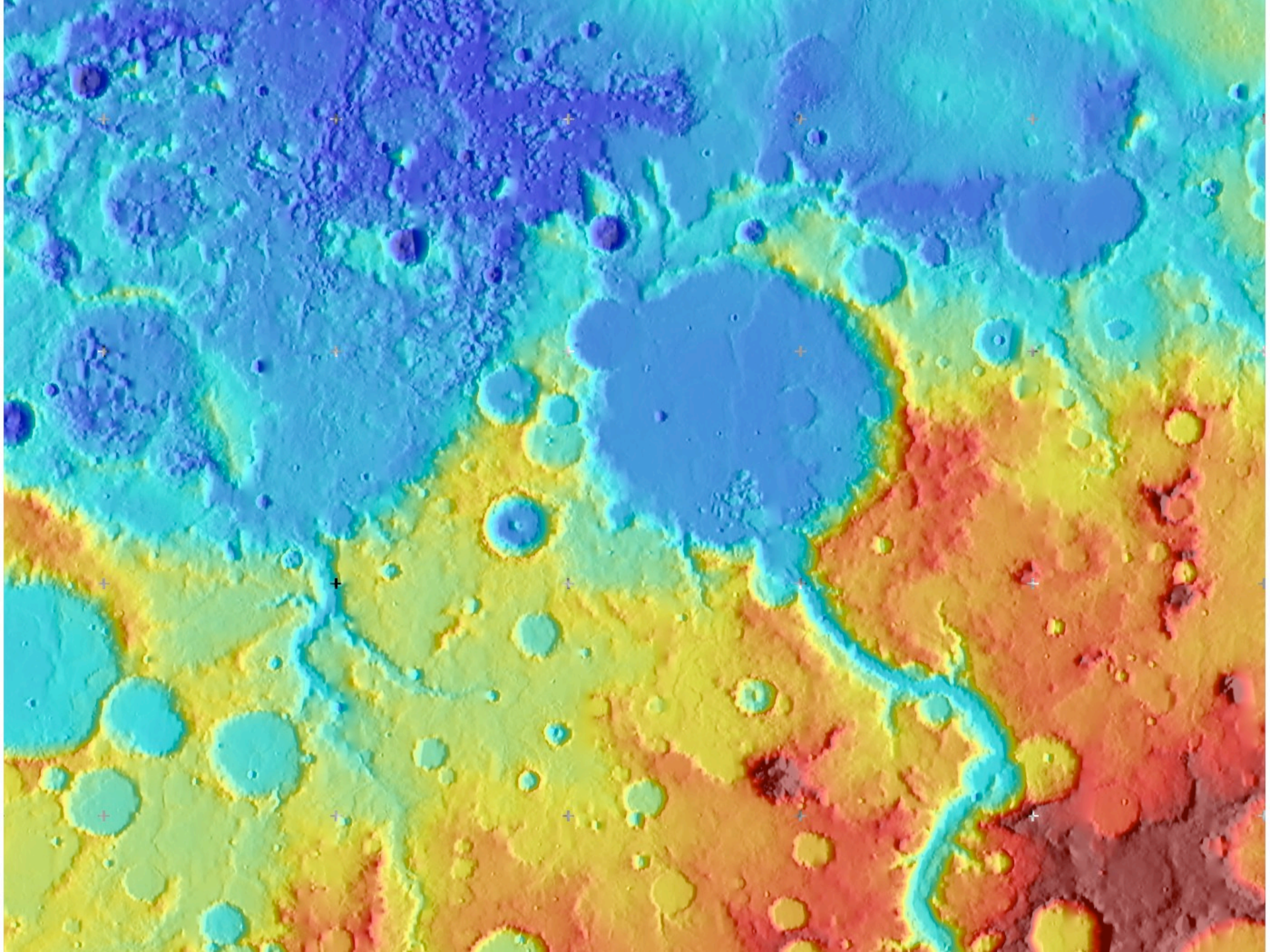
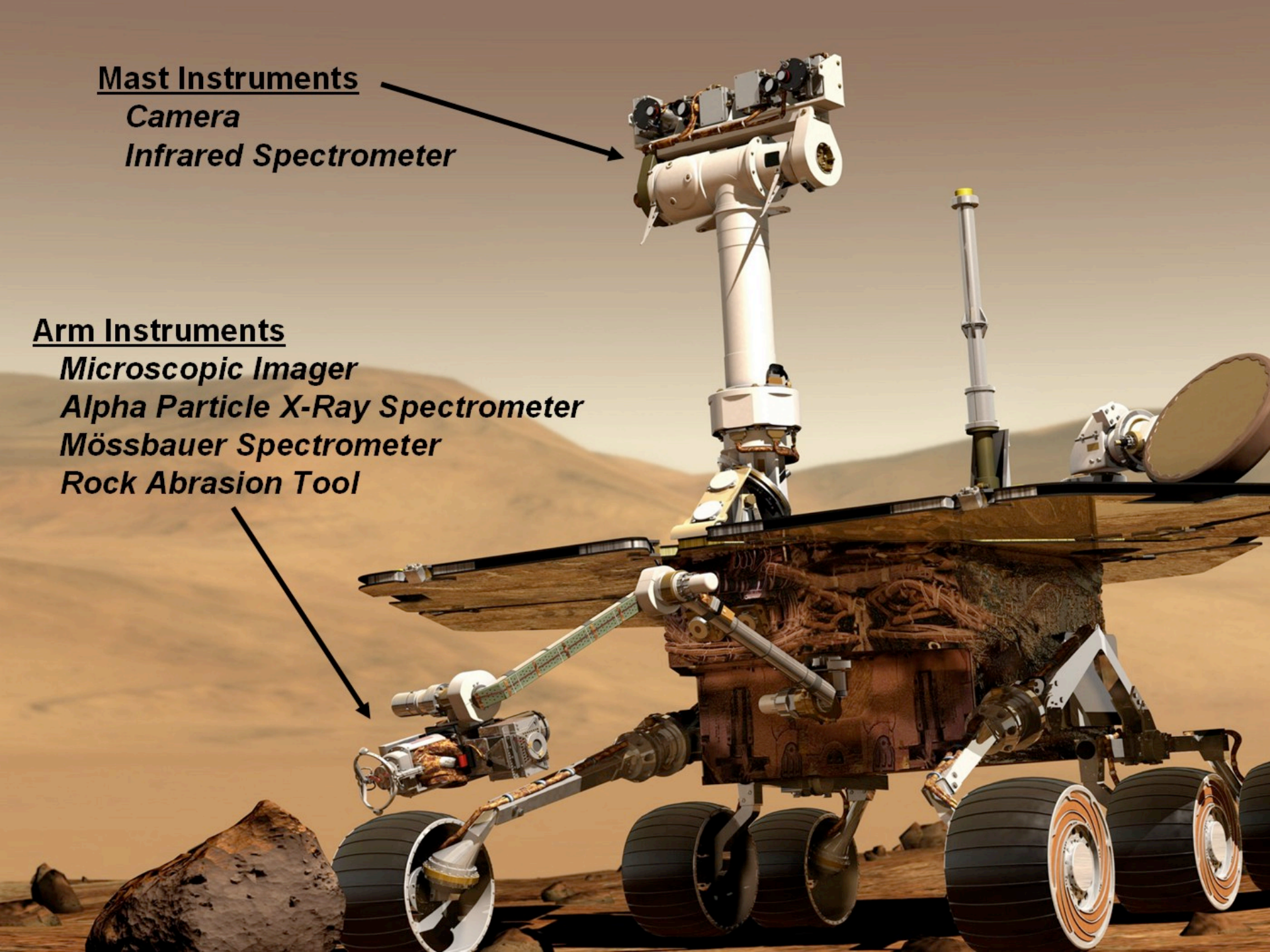
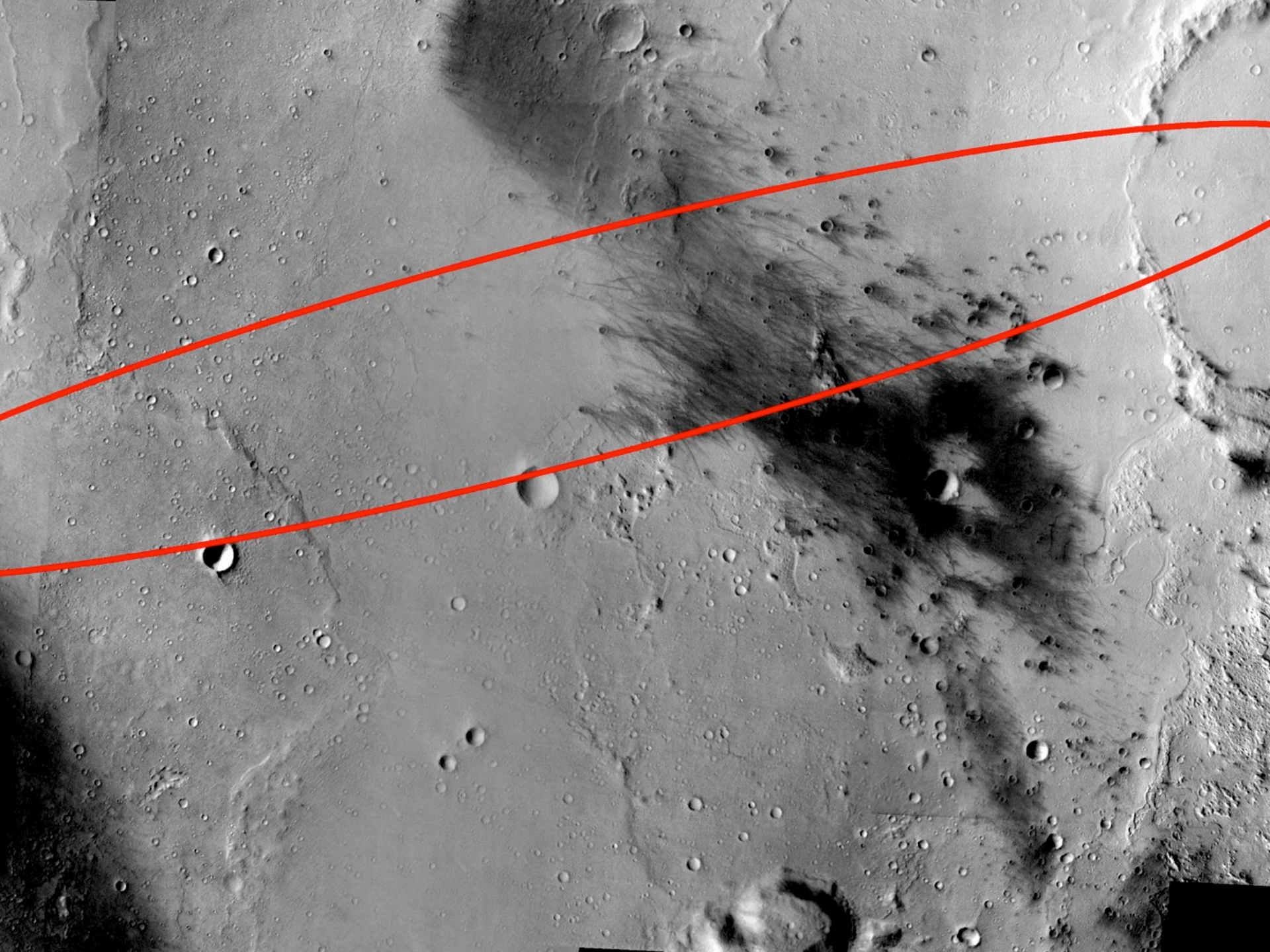
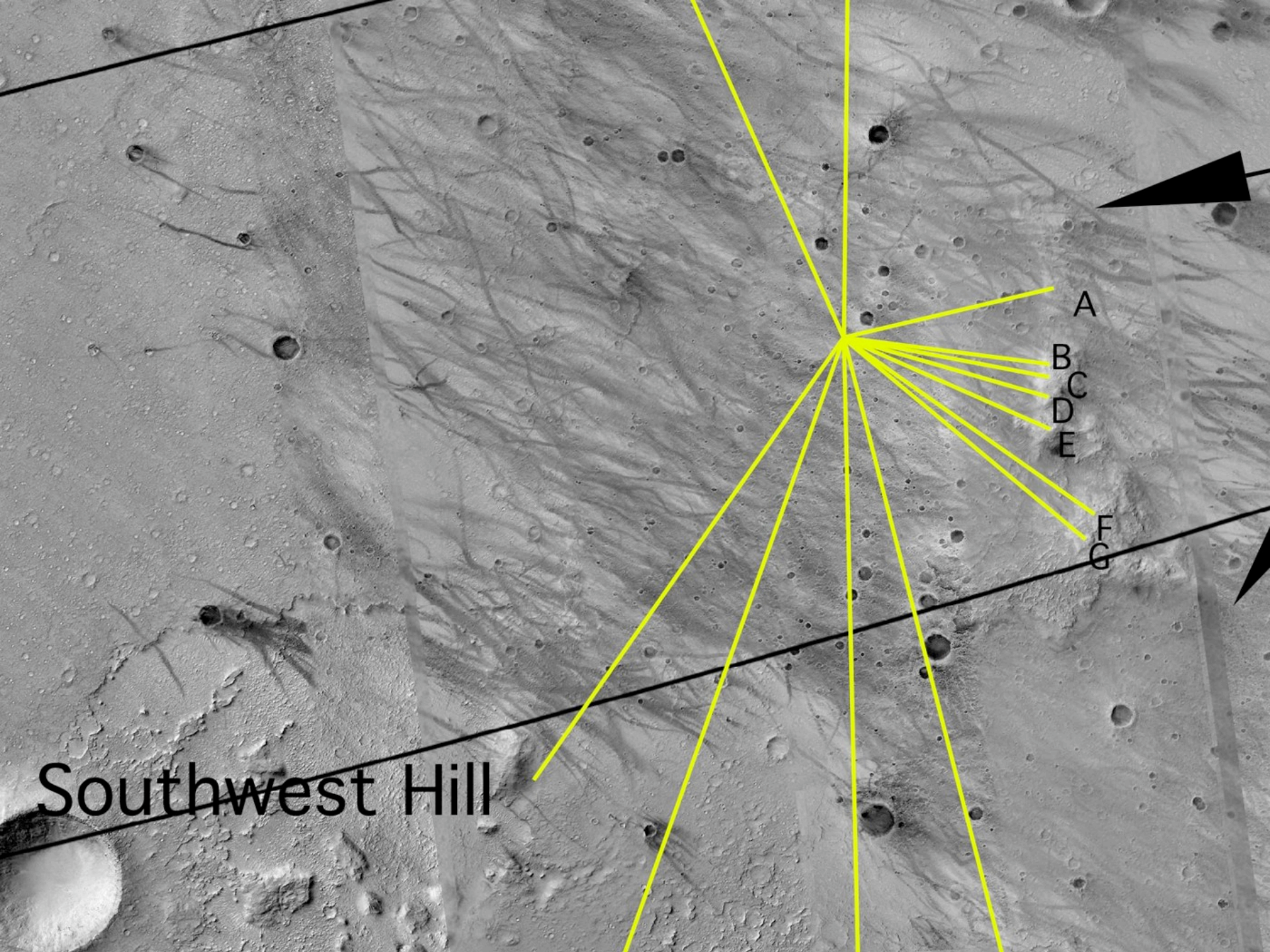
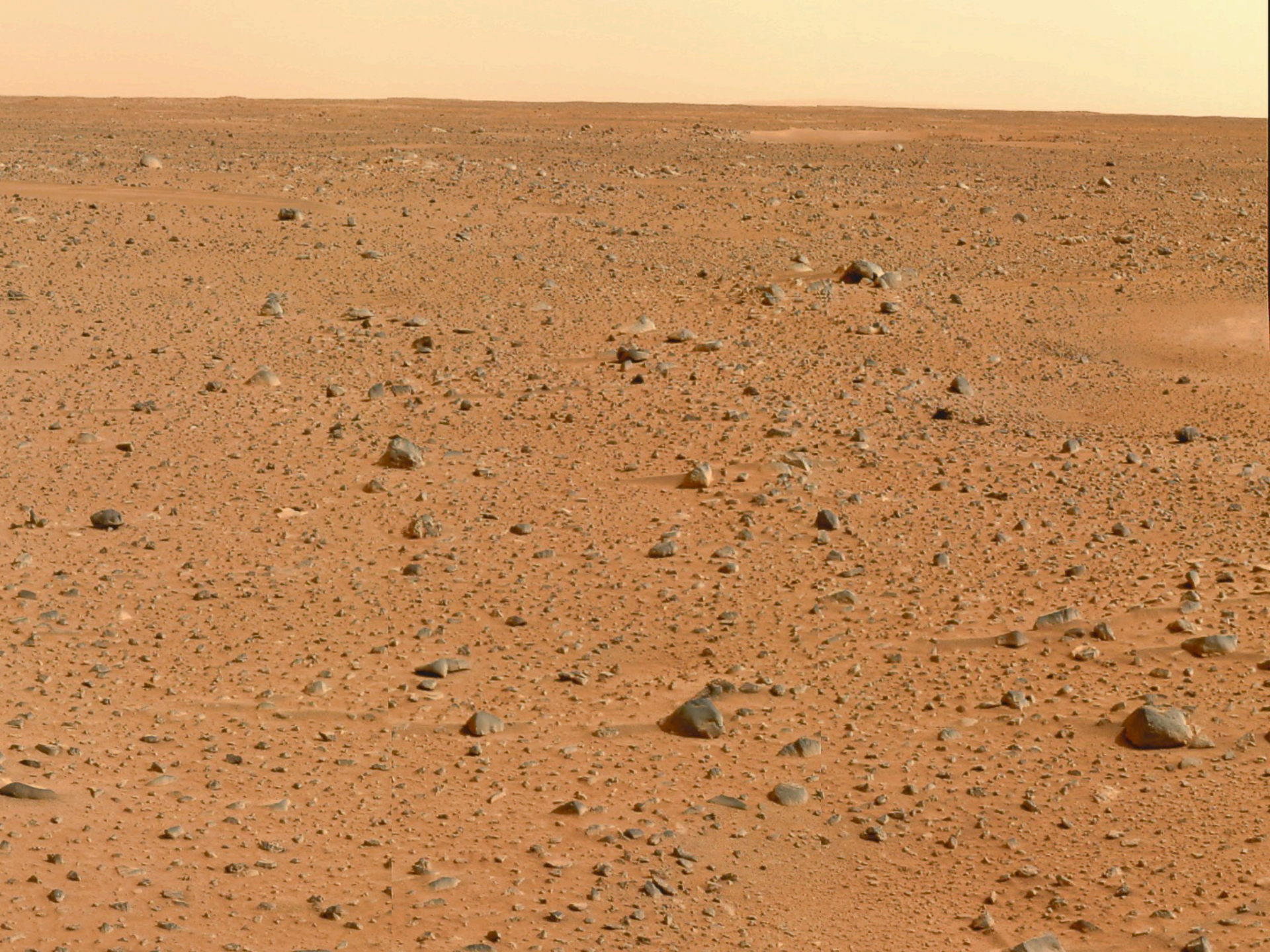


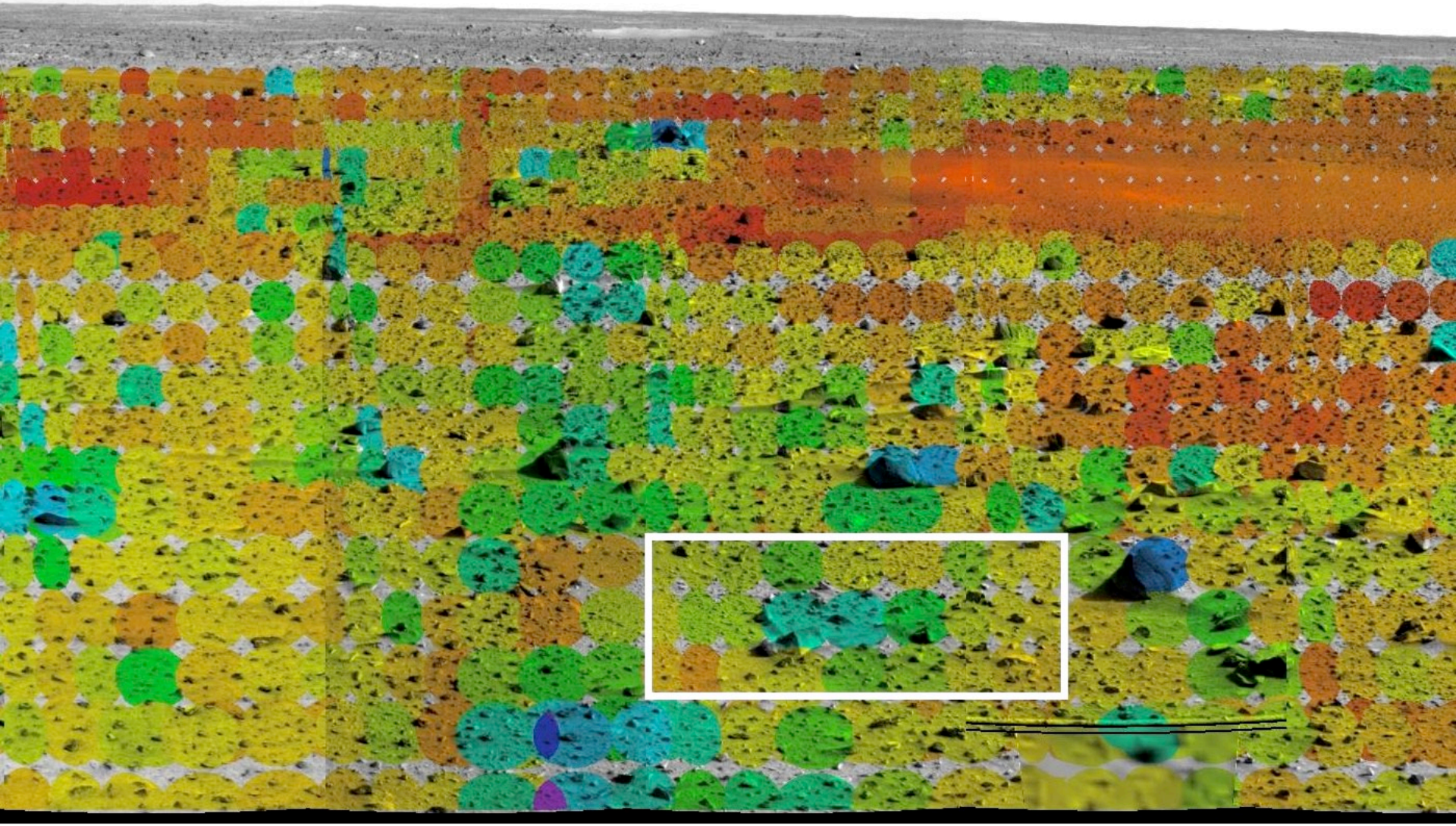


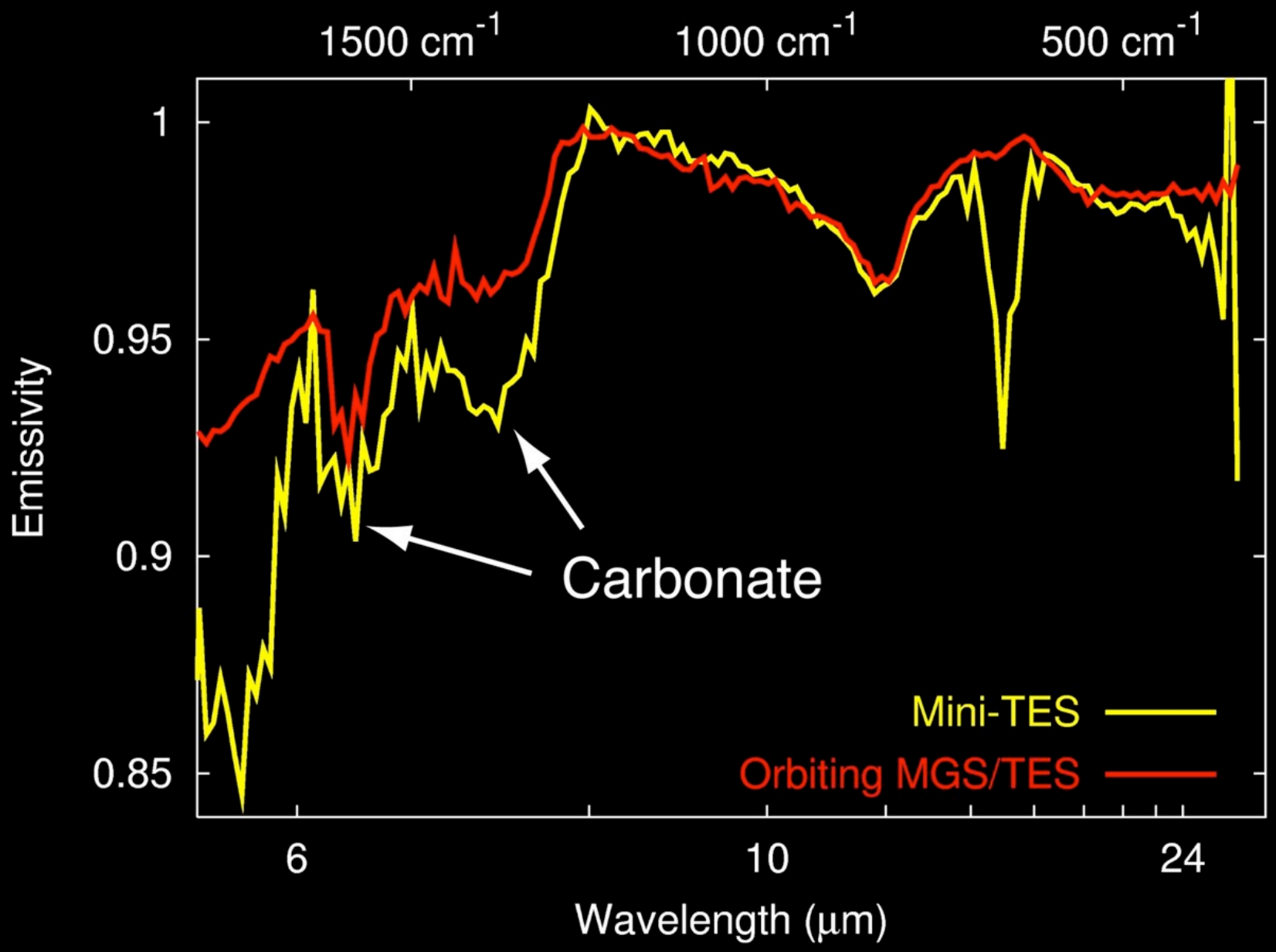

Mast Instruments
Camera
Infrared Spectrometer
Arm Instruments
Microscopic Imager
Alpha Particle X-Ray Spectrometer
Mössbauer Spectrometer
Rock Abrasion Tool

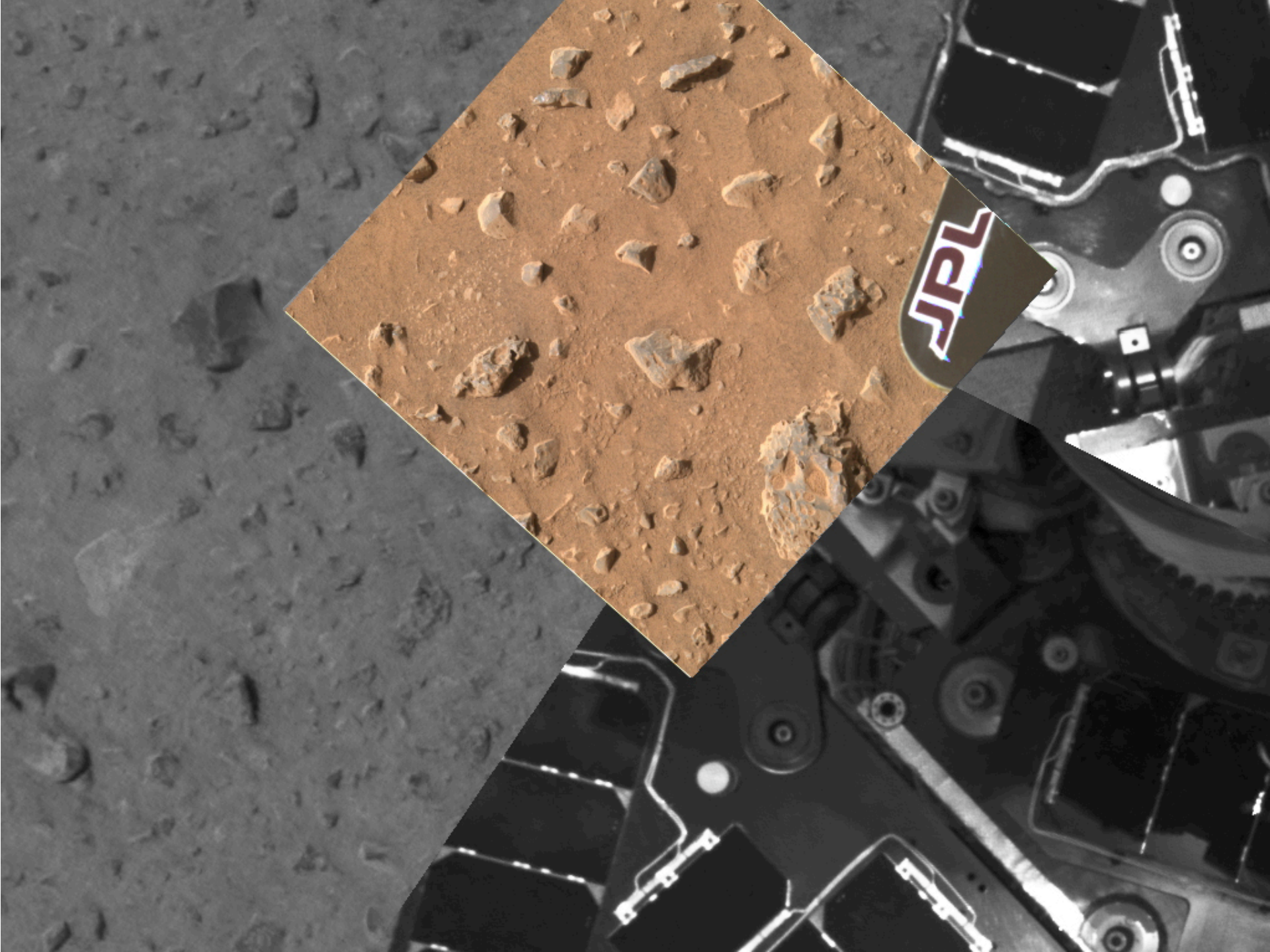


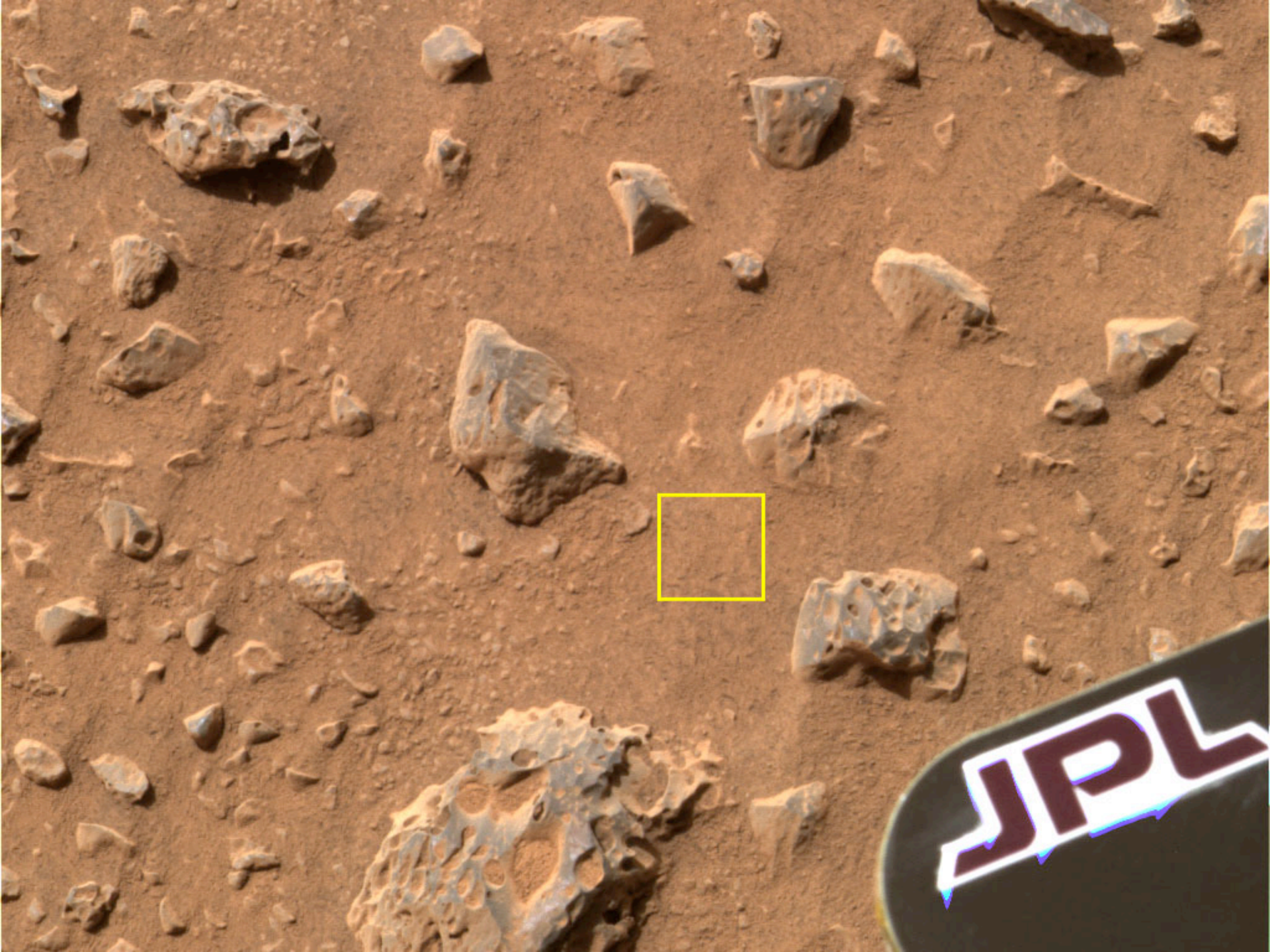

A
B
C
D
E
F
G
Southwest Hill

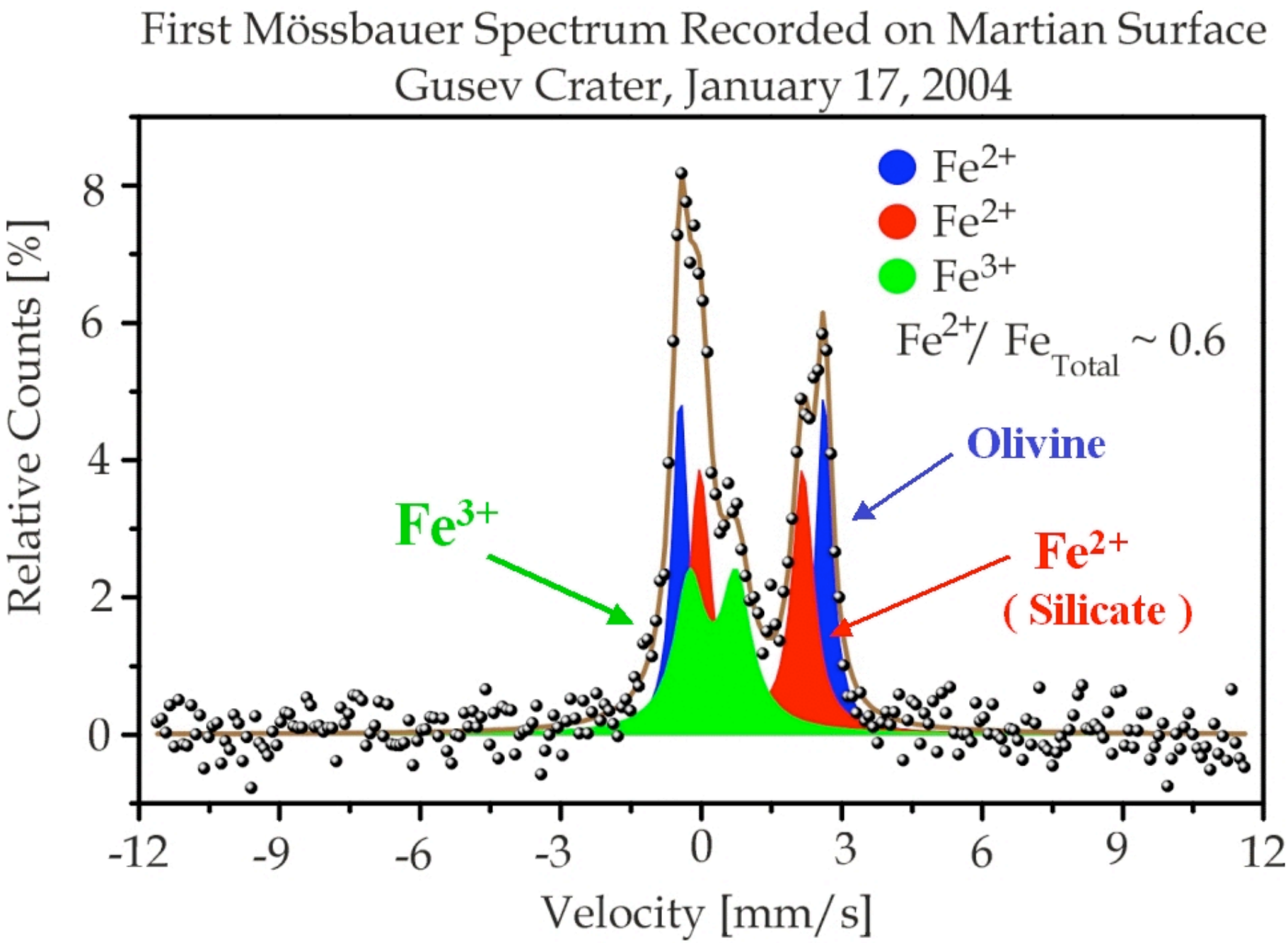


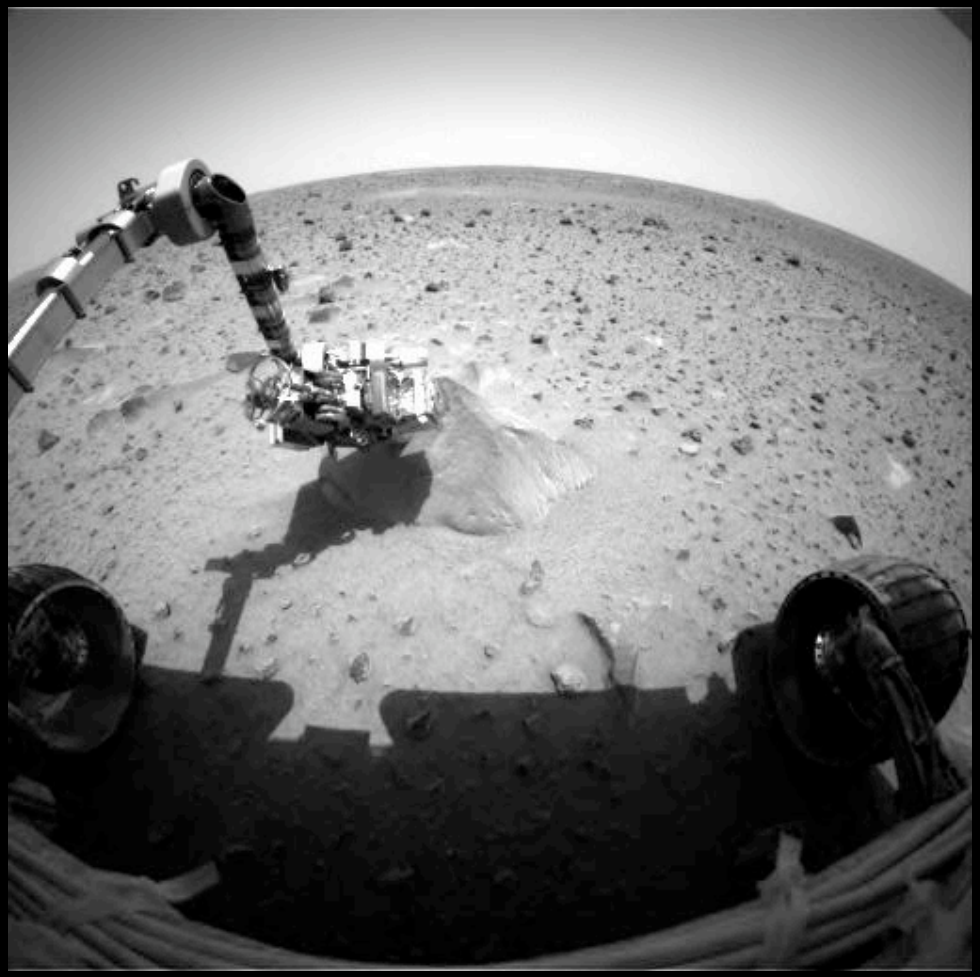


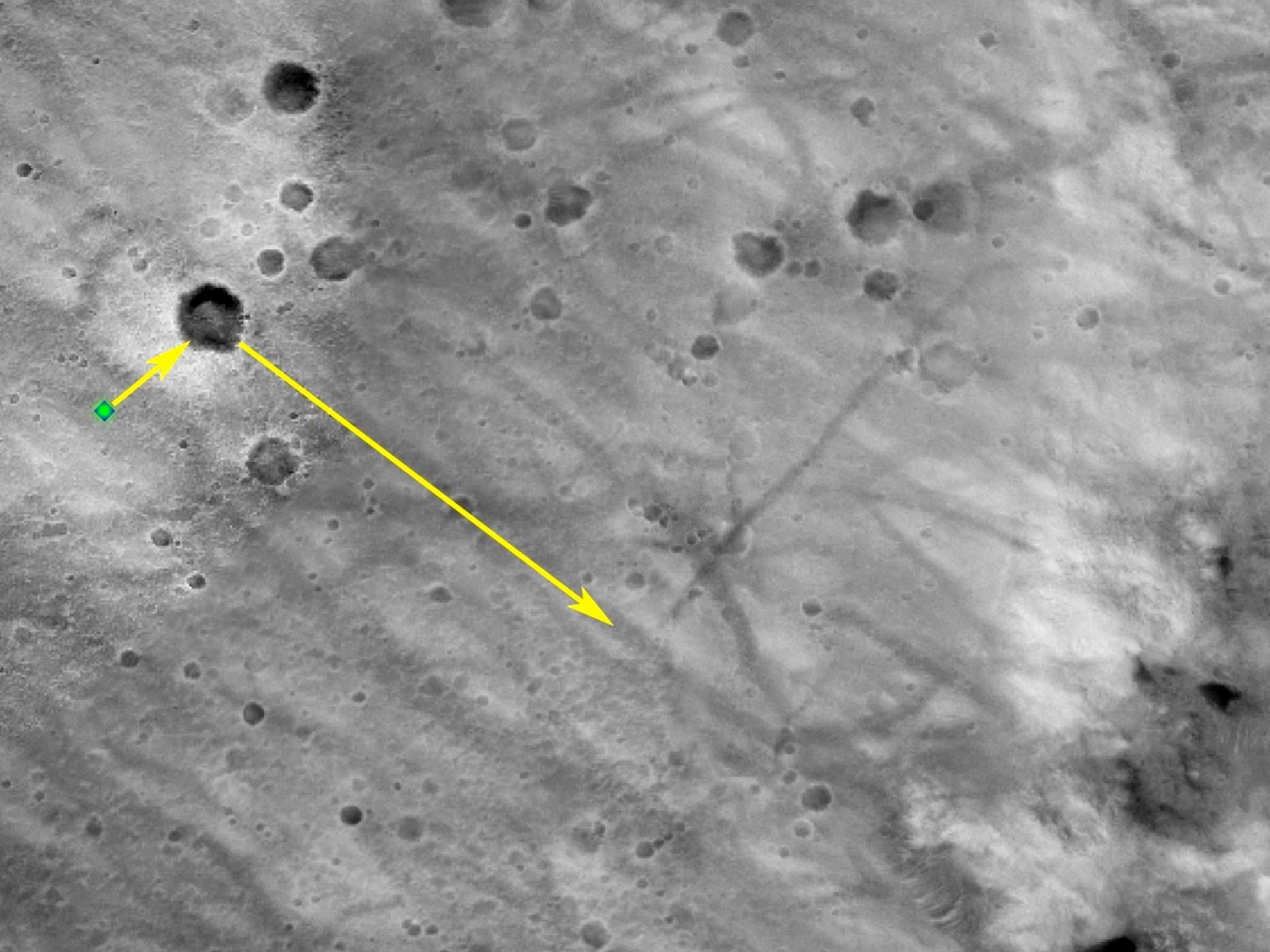

1500 cm-1
1000 cm-1
500 cm-1
1
0.95
0.9
0.85
Emissivity
Carbonate
Mini-TES
Orbiting MGS/TES
6
10
24
Wavelength (µm)


JPL

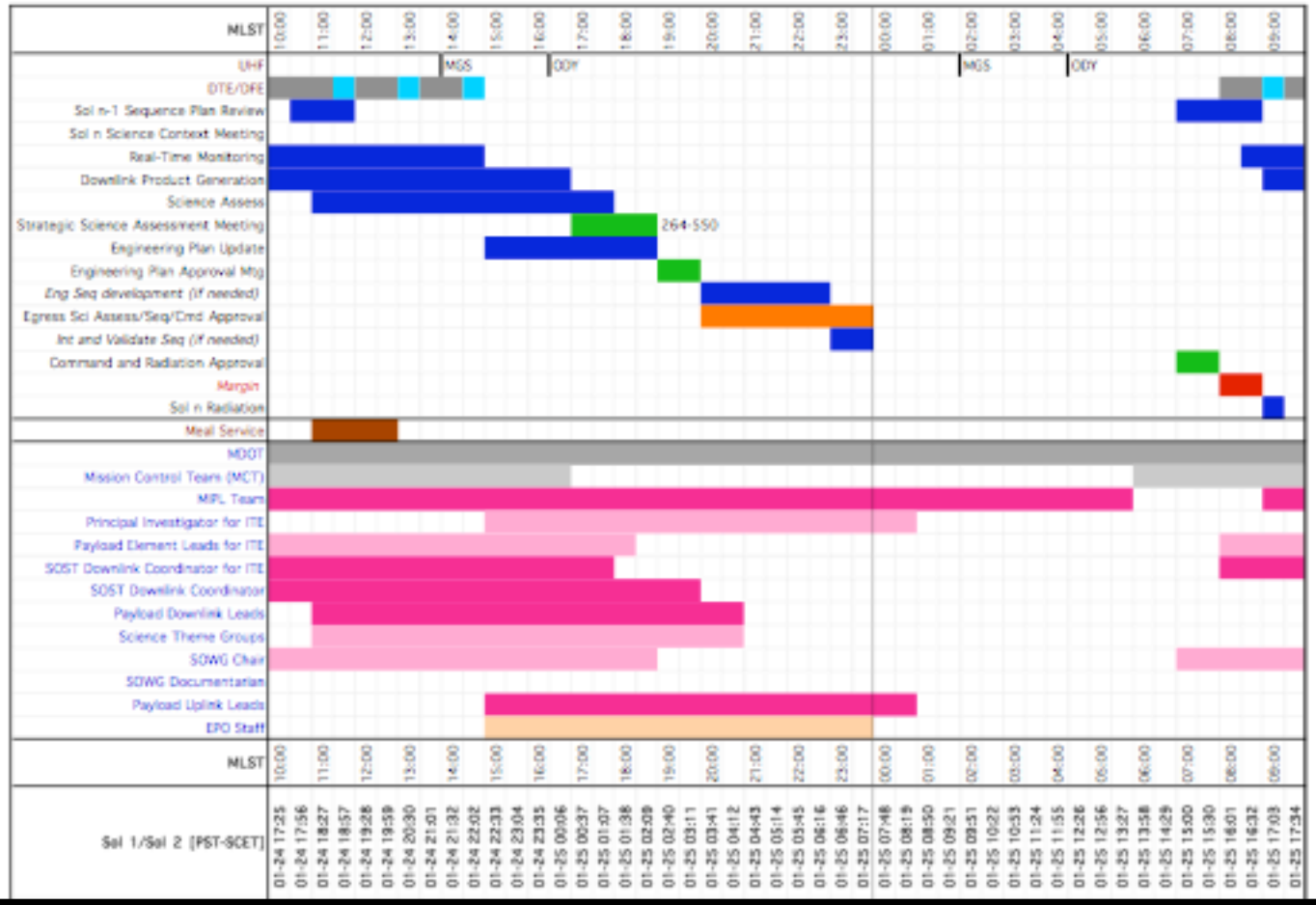

JPL


First Mössbauer Spectrum Recorded on Martian Surface
Gusev Crater, January 17, 2004
Fe2+
Fe2+
Fe3+
Fe2+/ FeTotal ~ 0.6
Olivine
Fe3+
Fe2+
( Silicate )
Relative Counts [%]
8
6
4
2
0
-12
-9
-6
-3
0
3
6
9
12
Velocity [mm/s]





# MER-B_ITE


MLST
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
UHF
MGS
ODY
MGS
ODY
DTE/DFE
Sol n-1 Sequence Plan Review
Sol n Science Context Meeting
Real-Time Monitoring
Downlink Product Generation
Science Assess
Strategic Science Assessment Meeting
264-550
Engineering Plan Update
Engineering Plan Approval Mtg
Eng Seq development (if needed)
Egress Sci Assess/Seq/Cmd Approval
Int and Validate Seq (if needed)
Command and Radiation Approval
Margin
Sol n Radiation
Meal Service
MDOT
Mission Control Team (MCT)
MPL Team
Principal Investigator for ITE
Payload Element Leads for ITE
SOST Downlink Coordinator for ITE
SOST Downlink Coordinator
Payload Downlink Leads
Science Theme Groups
SOWG Chair
SOWG Documentarian
Payload Uplink Leads
EPO Staff
MLST
Sol 1/Sol 2 [PST-SCET]
01-24 17:25
01-24 17:56
01-24 18:27
01-24 18:57
01-24 19:28
01-24 19:59
01-24 20:30
01-24 21:01
01-24 21:32
01-24 22:02
01-24 22:33
01-24 23:04
01-24 23:35
01-25 00:06
01-25 00:37
01-25 01:07
01-25 01:38
01-25 02:09
01-25 02:40
01-25 03:11
01-25 03:41
01-25 04:12
01-25 04:43
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01-25 06:16
01-25 06:46
01-25 07:17
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01-25 09:51
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01-25 11:24
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01-25 12:26
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01-25 13:27
01-25 13:58
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01-25 15:00
01-25 15:30
01-25 16:01
01-25 16:32
01-25 17:03
01-25 17:34