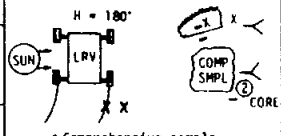
MISSION: Apollo 15, J-1 DATE: 6/2/71
EVA: 2

LMP ACTIVITIES	EVA TIME	CDR ACTIVITIES	TASK FUNCTION LMP	TASK FUNCTION CDR
	4+50			
Area #7 tasks (cont'd) 5. Exploratory trench 6. Core tube - if conditions warrant 7. 500mm lens camera photography of blocky areas, outcrops, etc. 8. 70mm stereo pairs of worthwhile targets of opportunity up-slope.				
Check tools secure & HTC closed		Stow gnomon on seatback Stow HGA LCRU Sel SW - PMI/WB		
Mount LRV	5+00	Mount LRV		
Readout LRV displays Traverse to Station #8 (26 min)		Powerup LRV Traverse to Station #8 (26 min)	TRAVERSE TO STATION #8	TRAVERSE TO STATION #8
In traversing from Area #7 to Area #8 the surface characteristics should change from the blocky Front material to a smoother mare material. The traverse will pass along the southwestern edge of a secondary crater cluster. Things to look for during this portion of the traverse are the secondary crater deposits and their relationship to surrounding terrain and eastern edge of the debris flow from the Front. Photographic documentation of these features is desirable.				
	5+10			

5+10

STAT #8 | CDR-15 | EVA 2 | 7/6/71

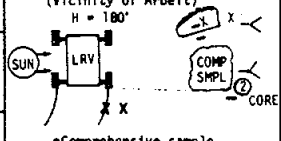
5+25 GEOLOGY STATION #8 (0:45)
(Vicinity of Arbeit)



- Comprehensive sample
- Double core sample
- Pan
- Soil mech trench
  - -SESC #1
  - -Samples
- Penetrometer Tests
  - -Soil mech trench
  - -Core tube site
  - -LRV track

STAT #8 | LMP-15 | EVA 2 | 7/6/71

5+25 Geology Station #8 (0:45)
(Vicinity of Arbeit)



- Comprehensive sample
- Double core sample
- Pan
- Soil mech trench
  - -SESC #1
  - -Samples
- Penetrometer Tests
  - -Soil mech trench
  - -Core tube site
  - - LRV track

CDR-16 | EVA 2 | 7/6/71 | STAT #8

5+25 STATION #8

STOP
LCRU sel - FM/TV

16mm Cam - fresh mag
(f8;1/250;12 FPS)

Comprehensive Sample
- LMP 70mm cam - to LRV
- Rake
- 1 bag rocks
- 1 bag soil

5+35 Double Core Tube Sample
- X-Sun photos only
- 16mm Cam - fresh mag
  (f8;1/250,12 FPS)

LMP-16 | EVA 2 | 7/6/71 | STAT #8

5+25 STATION #8
LRV system - readout
Dismount LRV
Rake - install on ext. handle
[CDR: Change 16mm mag]
[CDR: Place gnomon]

Comprehensive Sample
- LMP 70mm cam - to LRV
- Rake
- 1 bag rocks
- 1 bag soil

5+35 Double Core Tube Sample
[CDR: Photo]
[CDR: Place gnomon for trch]

(1) CDR - Mark arrival time_____(5+27)
(1) LMP - Readout LRV displays

HEADING		Temp Bat 1	
BEARING		Temp Bat 2	
DISTANCE		Temp LF mtr	
RANGE		Temp RF mtr	
Amp-Hr Bat 1		Temp LR mtr	
Amp-HR Bat 2		Temp RR mtr	

5+30

MISSION: Apollo 15, J-1 DATE: 6/2/71
EVA: 2

LMP ACTIVITIES	EVA TIME	CDR ACTIVITIES	LCRU TV	TASK FUNCTION LMP	TASK FUNCTION CDR
	5+10				
	5+20				
Arrive Station #8 Readout LRV displays		Arrive Station #8 Park & Power down LRV		STATION #8 GEOLOGY	STATION #8 GEOLOGY
Dismount LRV		Dismount LRV LCRU Sel SW - FM/TV Point HGA to earth			
Station #8 geology (45 min)	5+30	Station #8 geology (45 min)			

5+30

(1) CDR/LMP-EMU check

	CDR	LMP
O2		
FLAGS		
PRESS		
COOL		

STAT #8 | EVA 2 | 7/6/71 | CDR-17

5+42 Soil Mechanics Trench
- Photo: X-SUN; Dn-Sun
- Pan (70mm cam)(CDR)
- Collect samples (CDR)
  (no gnomon)

Photo trench
- Vert. wall(X-Sun,7ft,stereo)
- Long axis(Dn-Sun,7ft,stereo)

5+48 Sample trench
- SESC 75% full - to CDR C-Bag
- 1/2 bag: bottom, top, side

[LMP: Clean trench bottom]

5+53 Install penetro 0.5 cone

STAT #8 | EVA 2 | 7/6/71 | LMP-17

5+42 Soil Mechanics Trench
[CDR: Photo]

5+48 Sample trench
- SESC 75% full - to CDR C-Bag
- 1/2 bag: bottom, top, side

5+53 Clean trench bottom
[CDR: Install penetro cone]
Penetro - install on ext. hdle

At 6+00

(1) CDR/LMP-EMU check

	CDR	LMP
O2		
FLAGS		
PRESS		
COOL		

CDR-18 | EVA 2 | 7/6/71 | STAT #8

5+55 Penetrometer tests

#1- Adj. trench
- Photo in surf (X-Sun, 7')

#2- Trench bottom
- Photo in surf (X-Sun, 7')

#3- LRV track
- Photo in surf(X-Sun, 7')

#4- Adjacent to LRV track
- Photo in surf (X-Sun, 7')

Install penetro plate (CDR)

#5- Core tube site
- Photo imprint(X-Sun,7'Stereo)

#6- Trench bottom
- Photo imprint(X-Sun,7'Stereo)

LMP-18 | EVA 2 | 7/6/71 | STAT #8

5+55 Penetrometer tests

#1- Adj. trench
[CDR: Photo]

#2- Trench bottom
[CDR: Photo]

#3- LRV track
[CDR: Photo]

#4- Adjacent to LRV track
[CDR: Photo]
[CDR: Install penetro plate]

#5- Core tube site
[CDR: Photo]

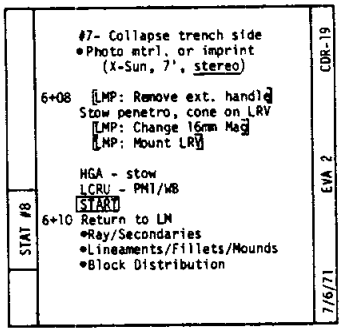
#6- Trench bottom
[CDR: Photo]

6+10

MISSION: Apollo 15, J-1 DATE: 6/2/71
EVA: 2

LMP ACTIVITIES	EVA TIME	CDR ACTIVITIES	LOCUS	TASK FUNCTION LMP	TASK FUNCTION CDR
	5+30			STATION #8 GEOLOGY	STATION #8 GEOLOGY
Sampling area #8 should be located in the smoother Mare material but near a substantial crater.					
Area #8 tasks (in order of priority)					
1. Comprehansive sample area					
2. Double core tube					
3. Documented samples of the large crater look for filleted rock samples and equidimensional rock samples (large & small)					
4. 70mm panorama					
5. Soil mechanic trench Dry trench SESC #1 Possible buried rock					
6. Penetrometer					
	6+00				
Check tools secure & HTC closed	6+10	Stow gnomon on seatback			

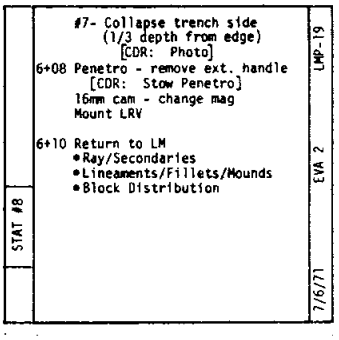
6+10



(1) CDR - Stow gnomon
- Mark depart time _____ (6+12)

(1) LMP - Readout LRV displays

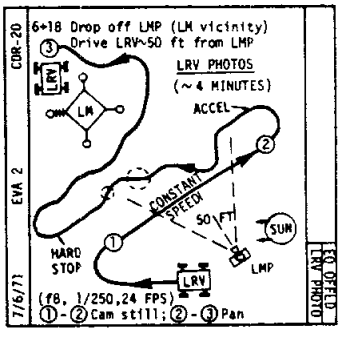
HEADING		Temp Bat 1	
BEARING		Temp Bat 2	
DISTANCE		Temp LF mtr	
RANGE		Temp RF mtr	
Amp-Hr Bat 1		Temp LR mtr	
Amp-HR Bat 2		Temp RR mtr	



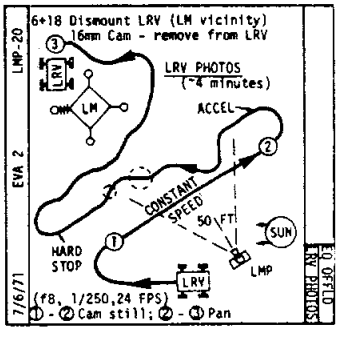
(1) CDR - Mark arrival time _____ (6+20)

(1) LMP - Readout LRV displays

HEADING		Temp Bat 1	
BEARING		Temp Bat 2	
DISTANCE		Temp LF mtr	
RANGE		Temp RF mtr	
Amp-Hr Bat 1		Temp LR mtr	
Amp-HR Bat 2		Temp RR mtr	



(2) CDR-Rpt tools off LMP PLSS & stowed
- Hammer
- Core tube tool
- Core tube cap disp
- SCB #2



6+30

MISSION: Apollo 15, J-1 DATE: 6/2/71
EVA: 2

LMP ACTIVITIES	EVA TIME	CDR ACTIVITIES	LCRU TV	TASK FUNCTION LMP	TASK FUNCTION CDR
	6+10	Stow HGA LCRU Sel SW - PM1/WB			
Mount LRV Readout LRV displays		Mount LRV			
Traverse to LM (08 min)		Power up LRV Traverse to LM (08 min)		TRAV TO LM	TRAV TO LM
The traverse to the LM should cover a smooth Mare surface which could be compared with terrain previously traversed. If possible, observe and describe ray materials.					
Arrive at LM Readout NAV & LRV displays	6+20	Arrive at LM Park LRV at MESA; point North, X-Sun in sun			
Power down LRV C/Bs		Power down LRV switches		EVA CLOSEOUT	EVA CLOSEOUT
Dismount LRV		Dismount LRV			
Photo LRV; X-Sun (2), Dn-Sun (1)		Align HGA toward Earth			
Stow 70mm cam/bags on LMP seat		Switch LCRU - TV RMT Open LRV batt dust covers Stow 70mm cam/bags on CDR seat			
Assist CDR		Remove from LMP PLSS tool harness • Core tube cap disp. - discard • Hammer - stow on HTC • SCB #2 - stow on HTC			
Remove SCB #5 from CDR PLSS tool harness; tidy velcro covers		Tidy harness velcro covers Assist LMP			
Place SCB #5 in SRC #2		Stow tongs on HTC			
		Carry ETB to LRV CDR footpad			
	6+30				