



GEOFRAME
PROCESSED
INTERPRETATION

TADPOLE PLOT

SCALE 1:240

*A Mark of Schlumberger

Using the following logs: FMI-GR

COMPANY: JOGMEC
WELL: AURORA/JOGMEC/NRCAN MALLIK 2L-38
FIELD: MALLIK
County:
State:
COUNTRY: CANADA
Date Logged: 6-Mar-2007 Date Processed: 12-Mar-2007
Well Location:

Elevations: KB: 10.55m DF: 10.25m GL: 1m
API Number: 1163 Job Number: 10644

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

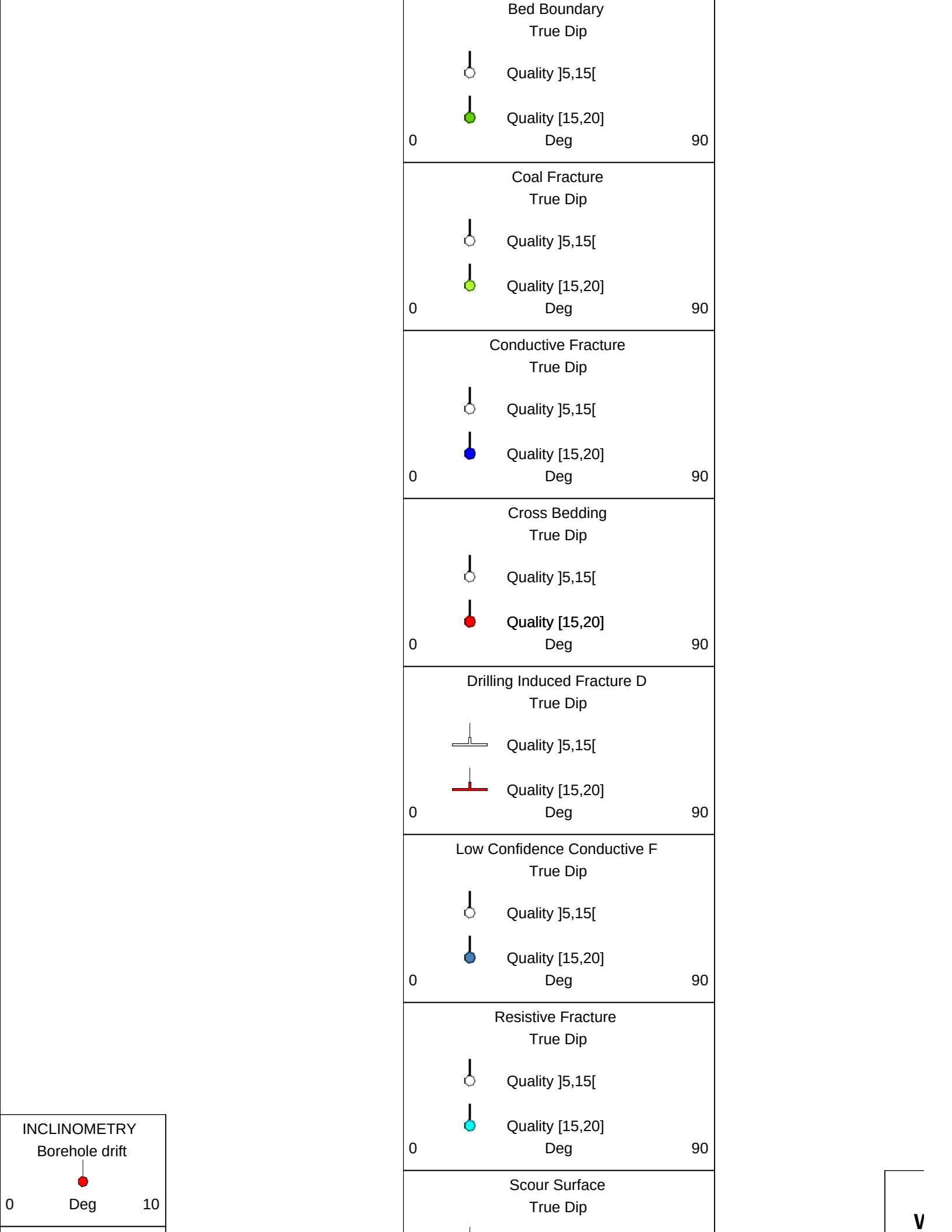
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

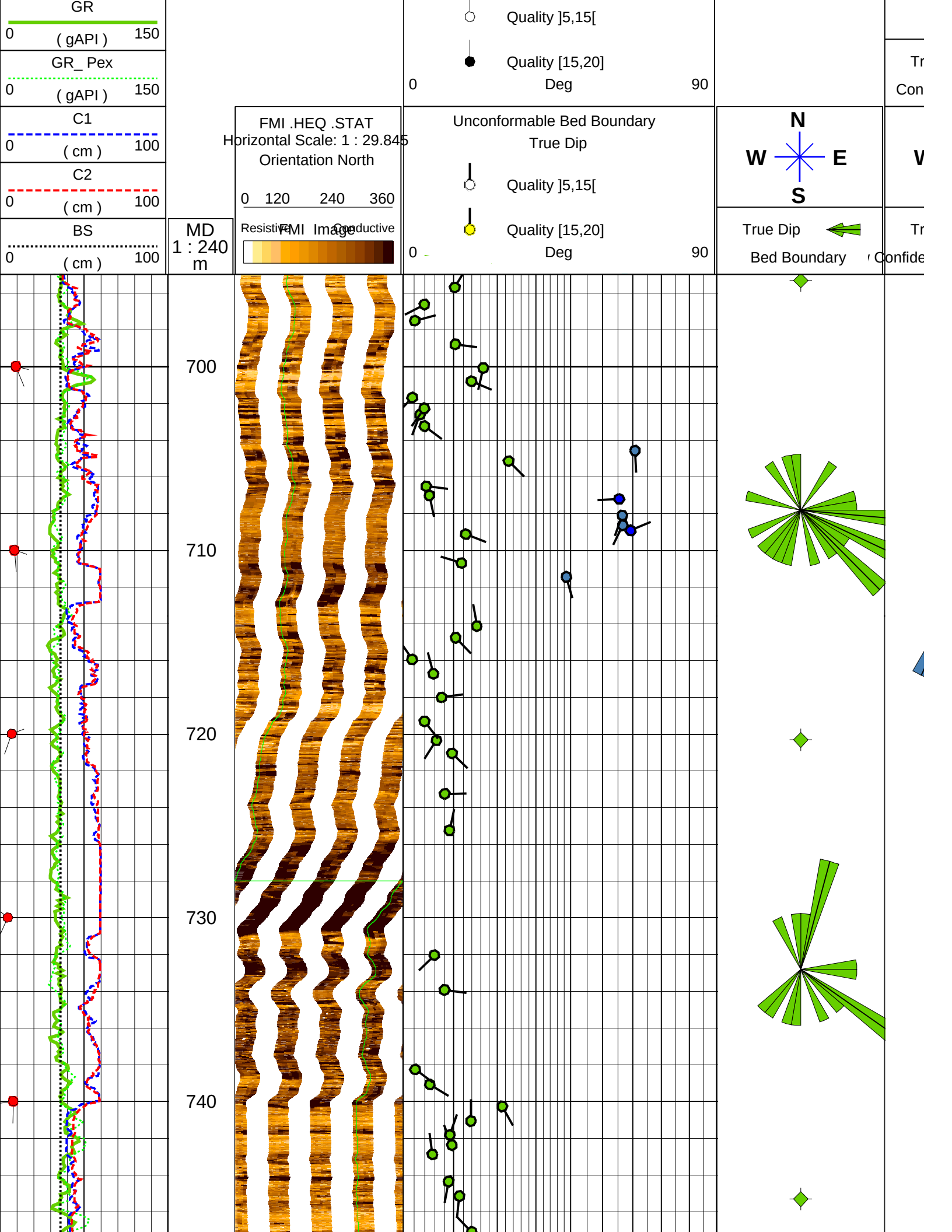
Field Recording:	Location:	Software Version: 14C0-302	Engineer:
Office Recording:	ICS Center: CALGARY DCS	Baseline: GF 4.3	Log Analyst: P.S./H.T.

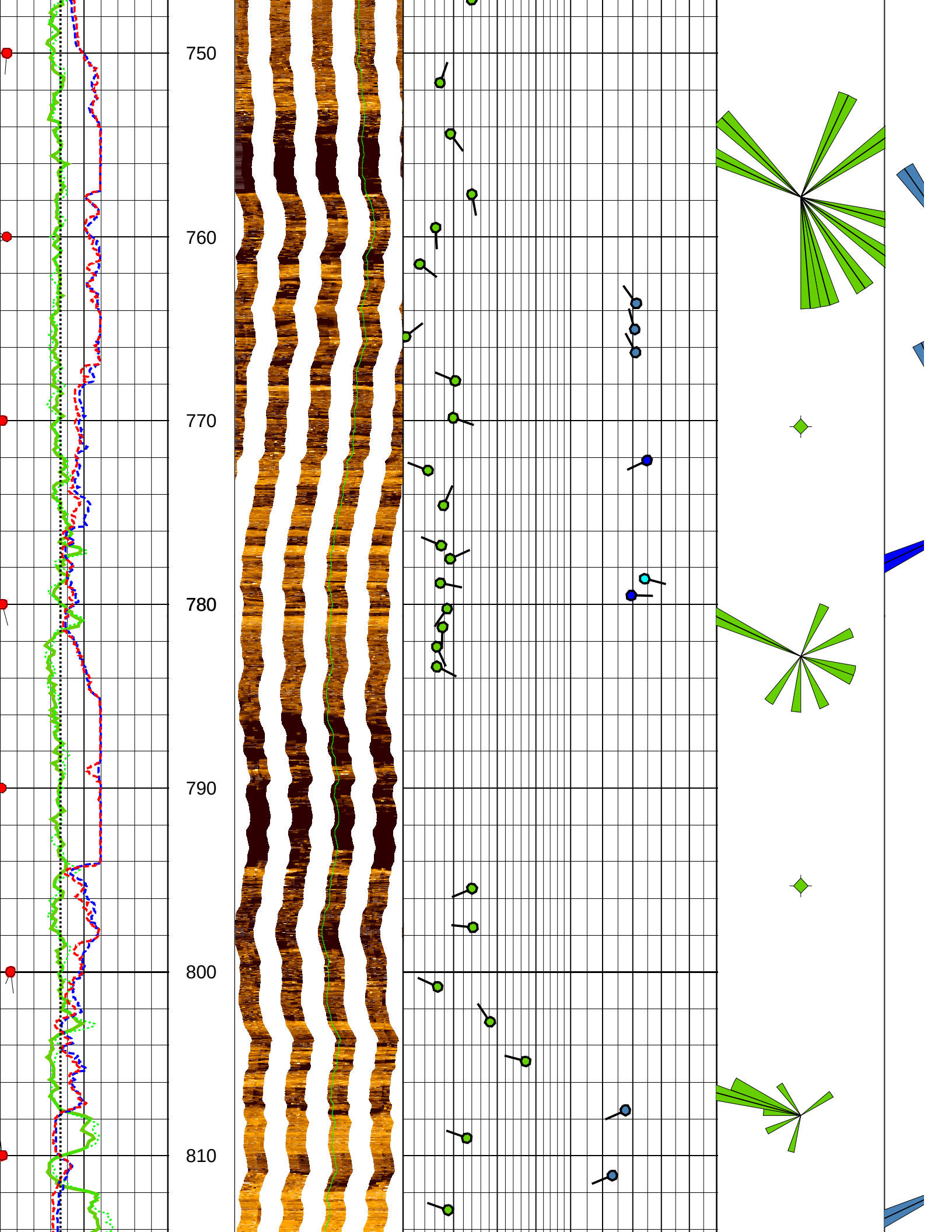
Mud and Borehole Measurements:

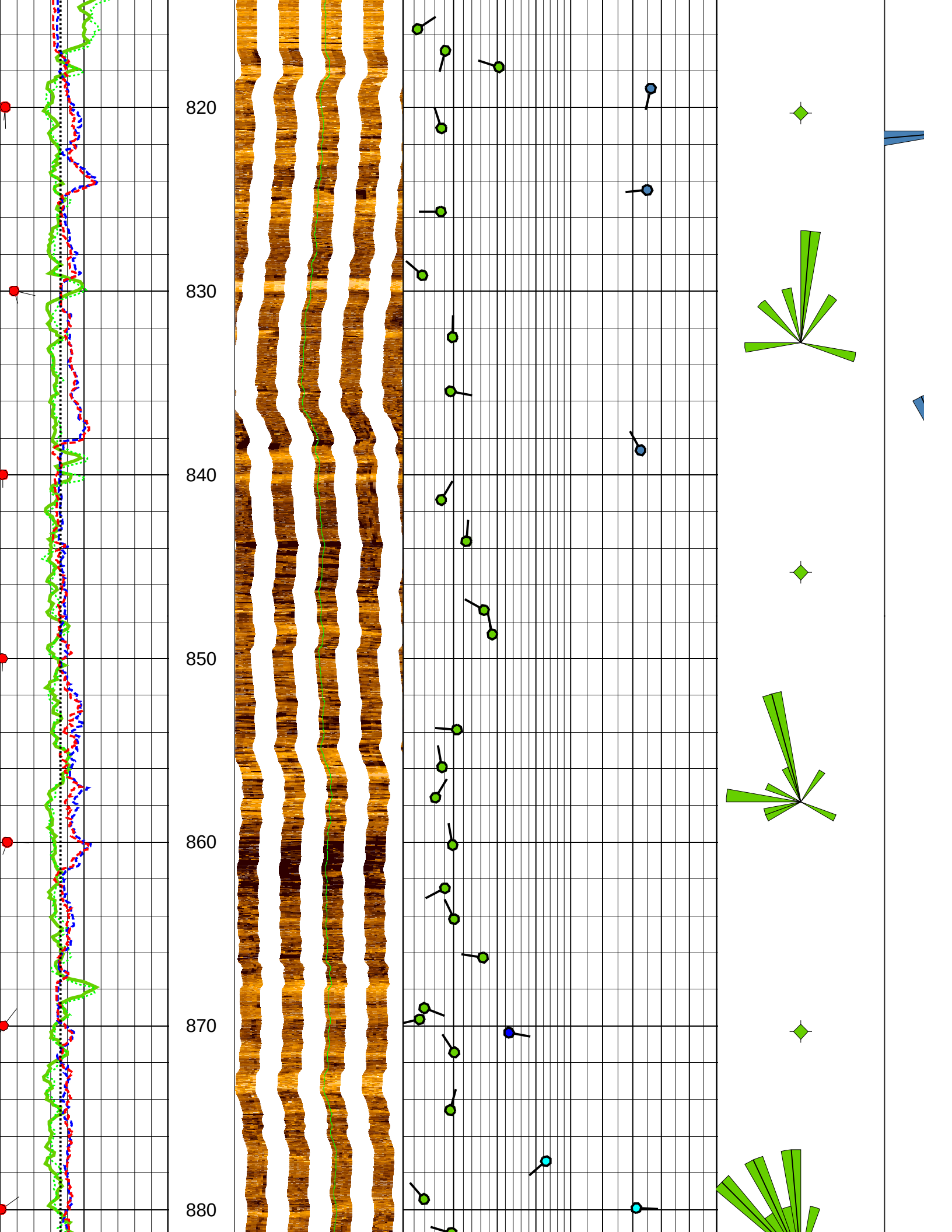
Rm @ Measured Temperature:	@	BHT: 13degC	Bitsize: 36.195cm
Rmf @ Measured Temperature:	@	Type Fluid in Hole:	
Rmc @ Measured Temperature:	@	Mud Density: 1.115g/cm3	

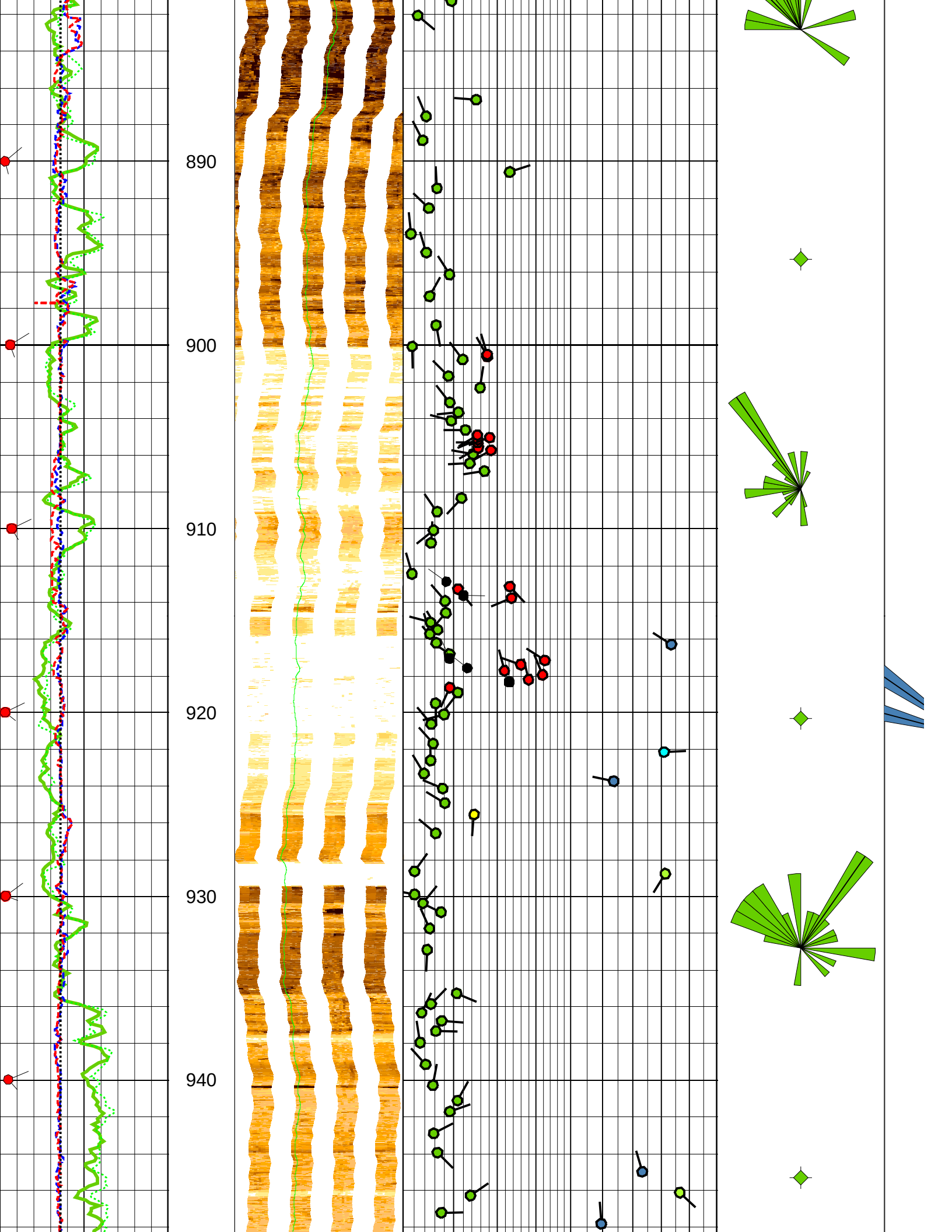
Remarks:
ALL DIPS MANUALLY PICKED
THANK YOU FOR CHOOSING SCHLUMBERGER

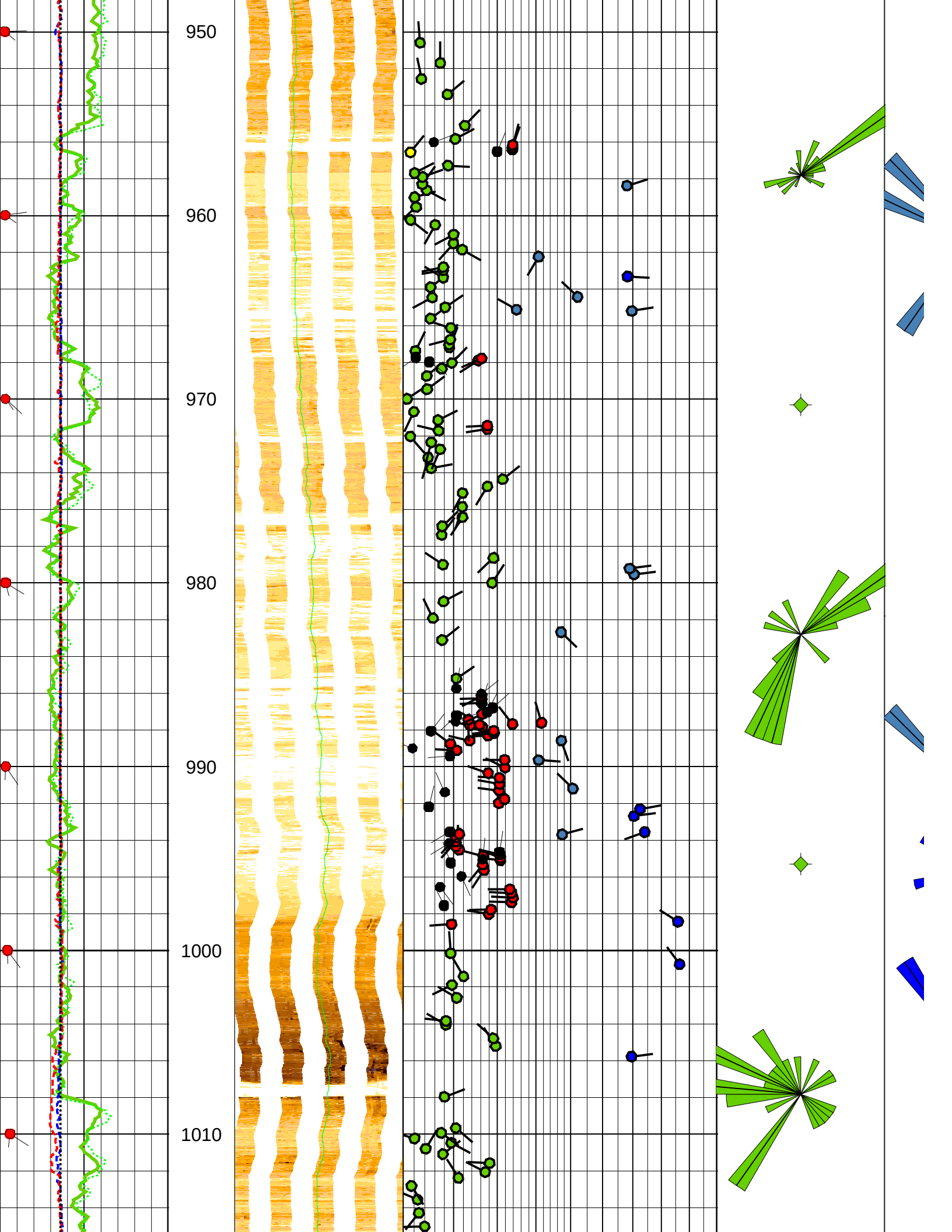


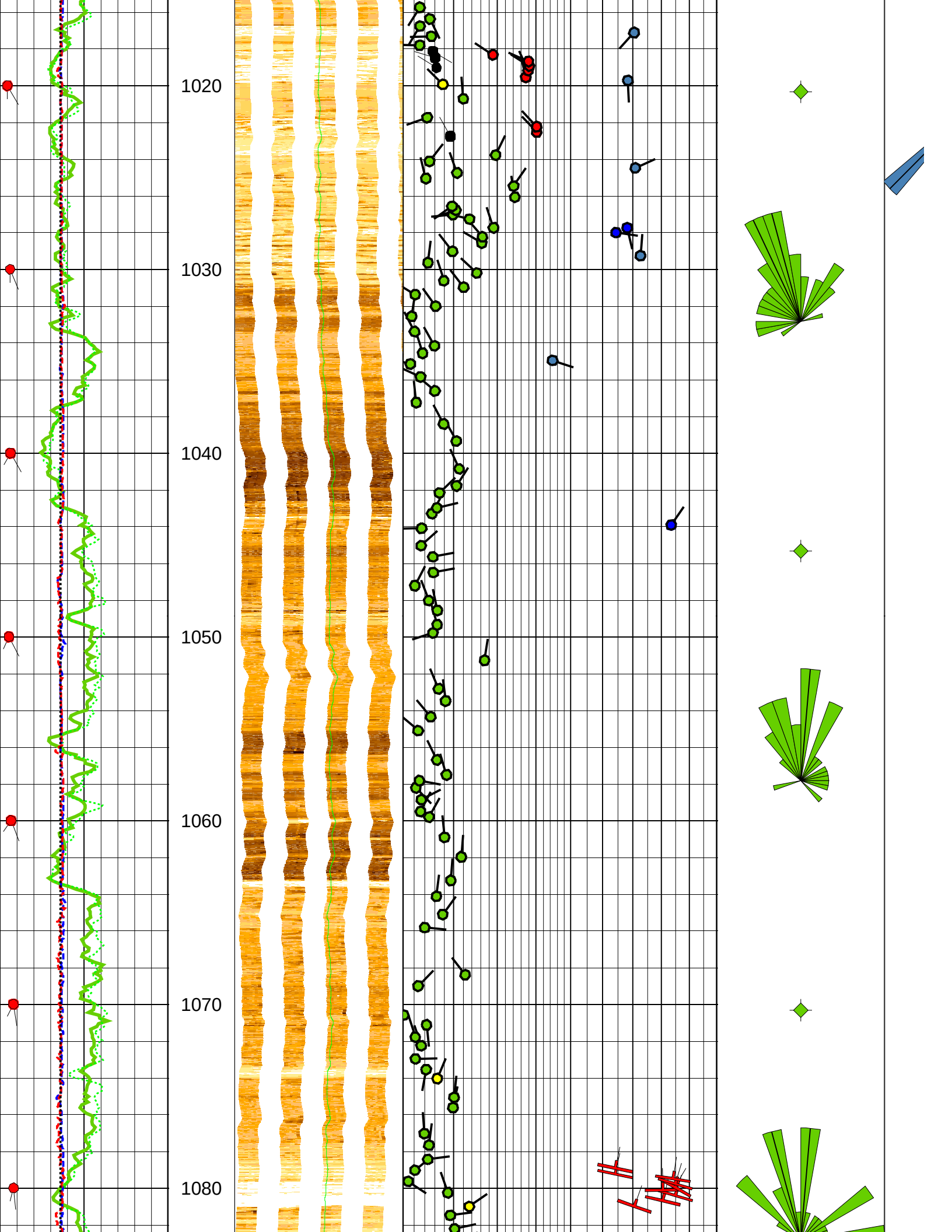


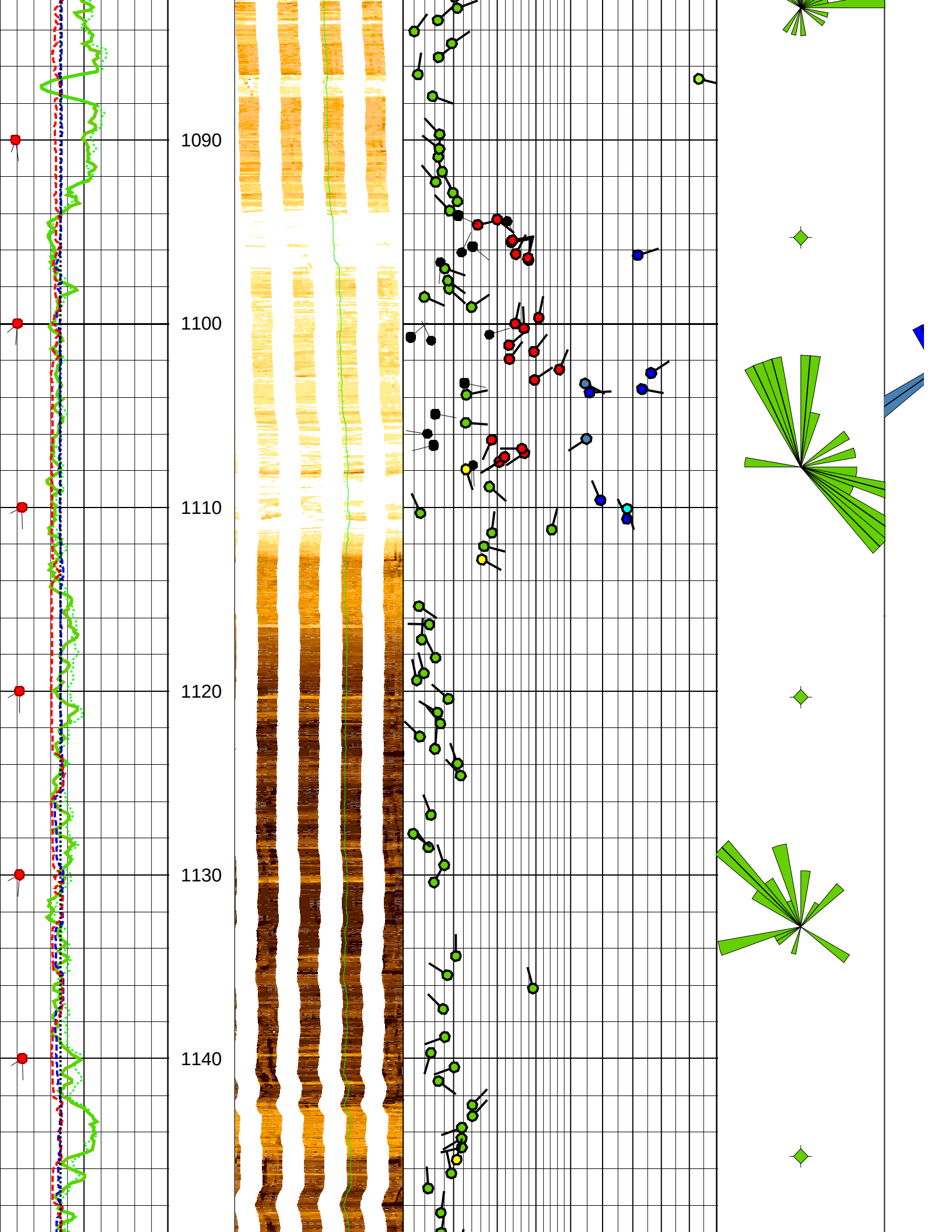


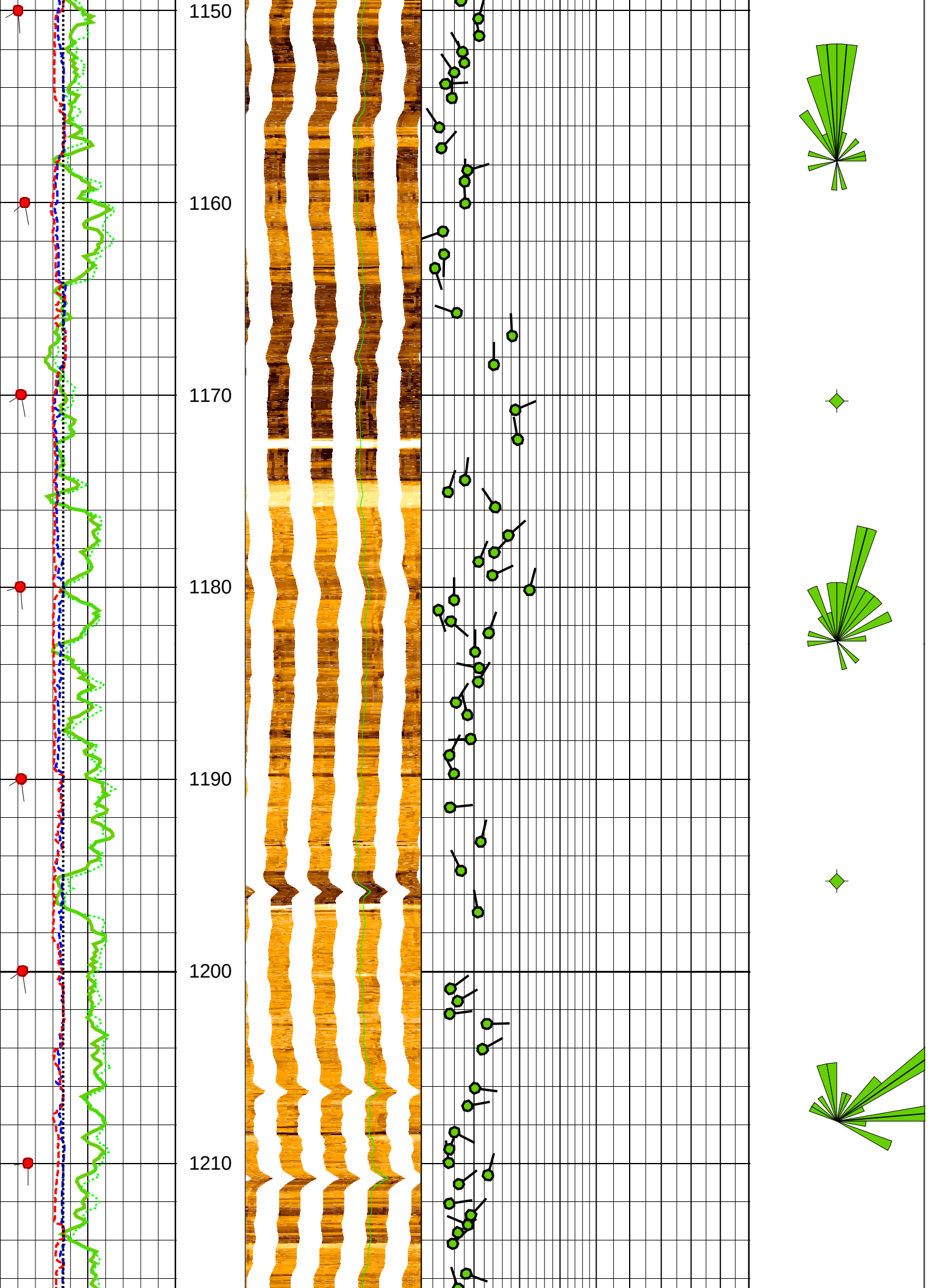


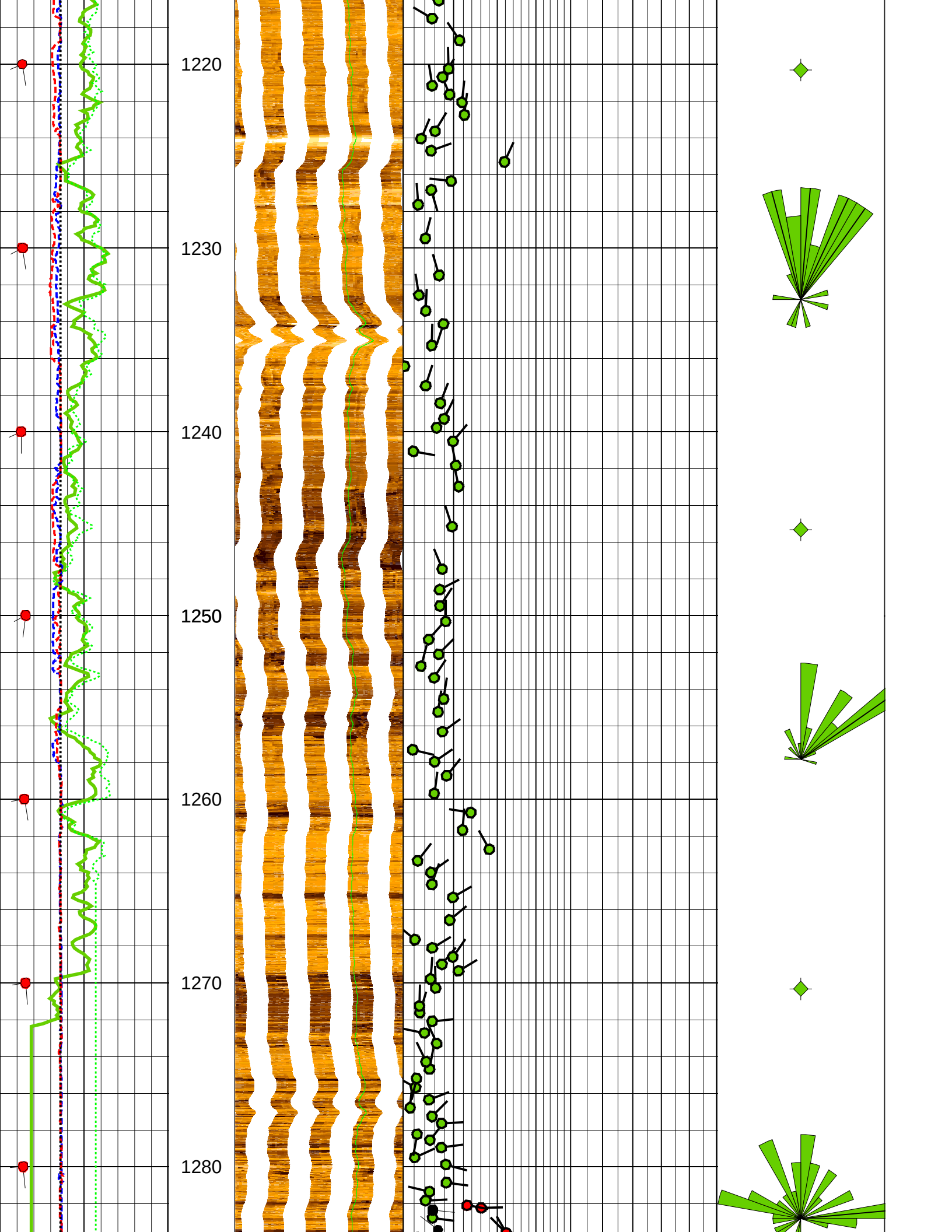


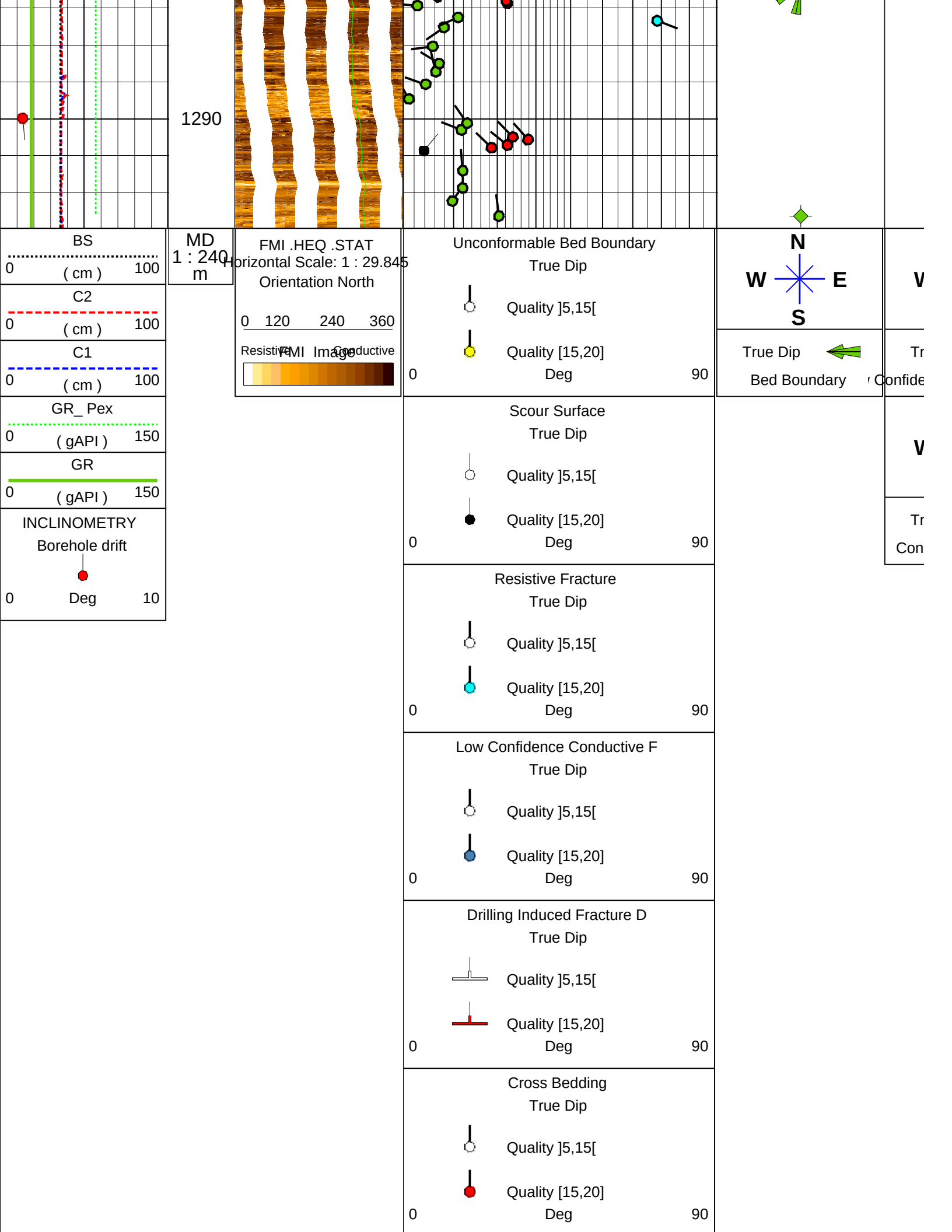


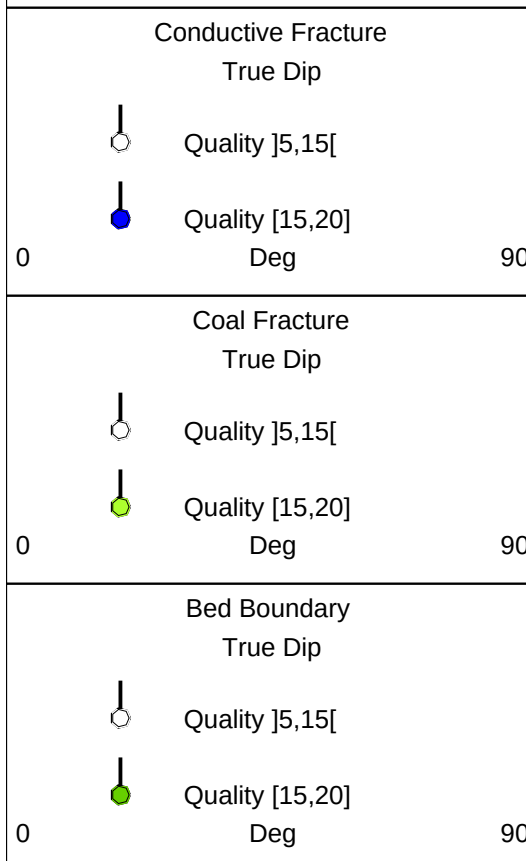












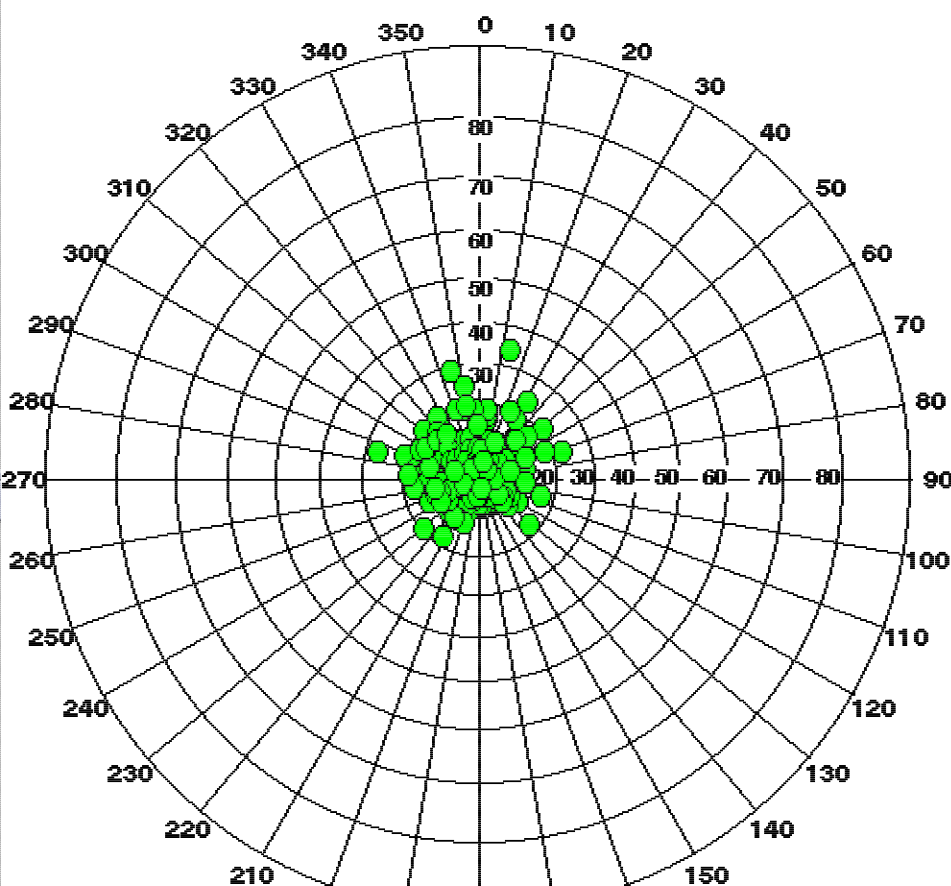
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 691.20 m
Bottom Dip = 2727301.75 m

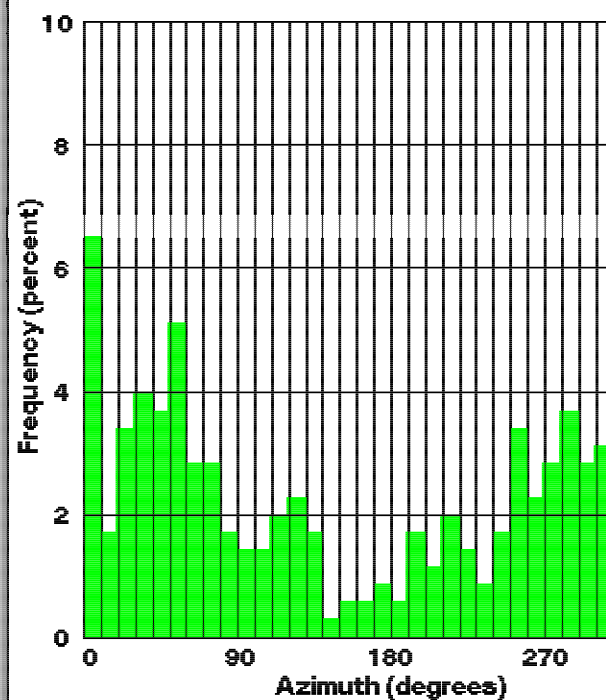
Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

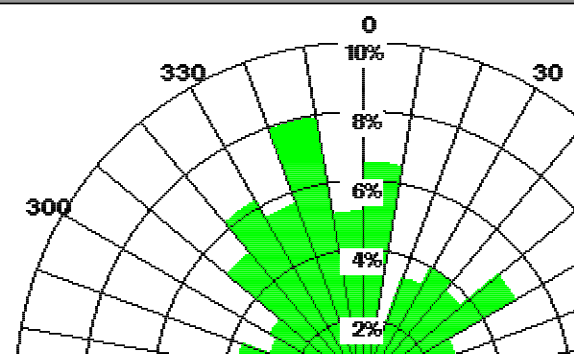
Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
Bed Boundary...	354	86.4/161.2	3.6/344.4
(Full set)	545	86.7/171.5	3.3/358.1



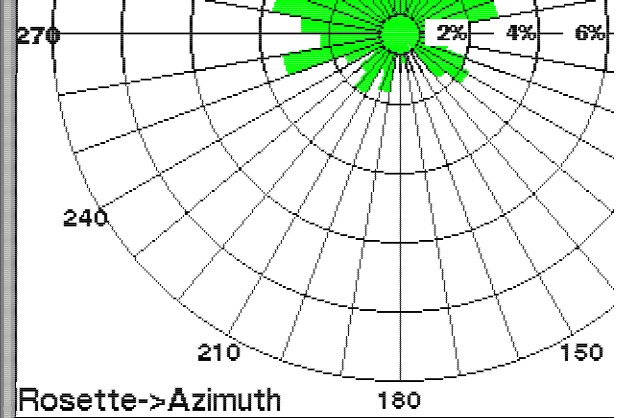
Histogram -> Azimuth



Rosette -> Azimuth



200 190 180 170 160



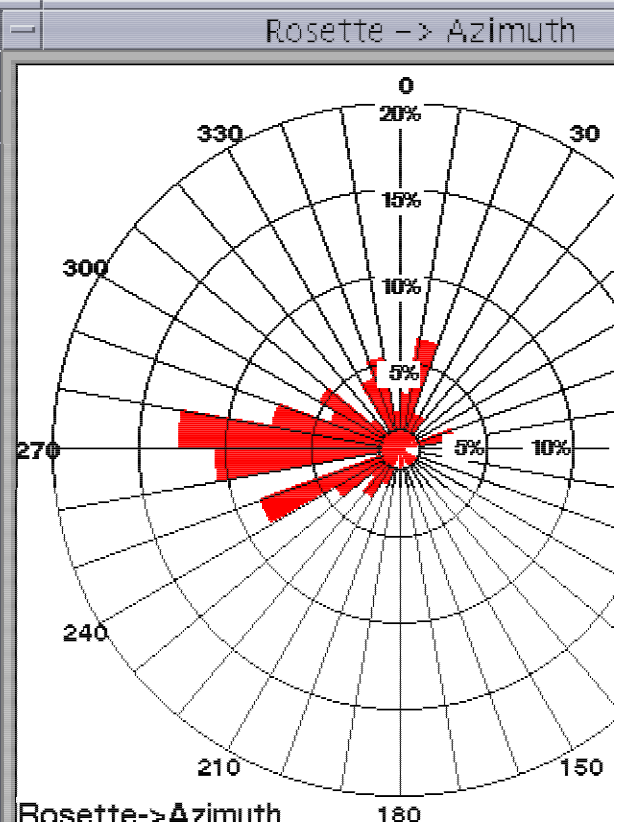
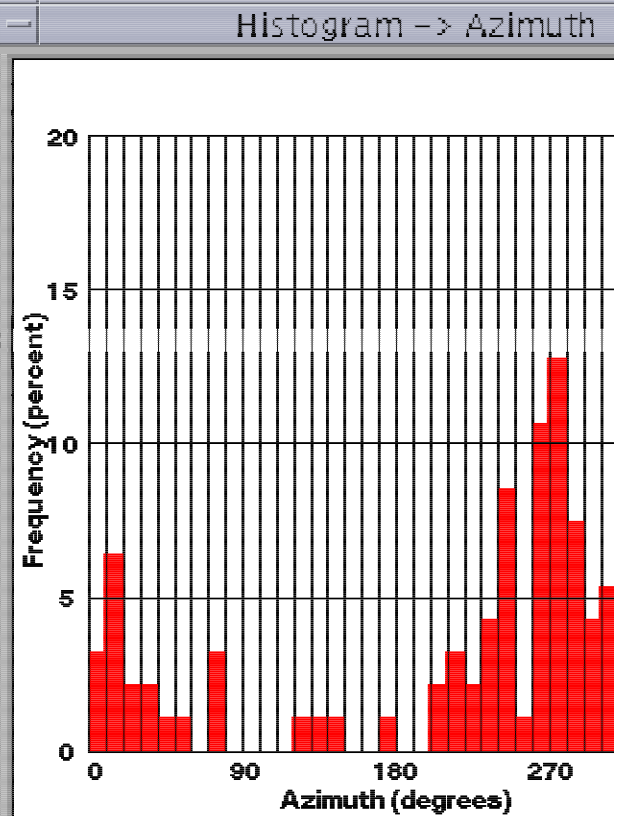
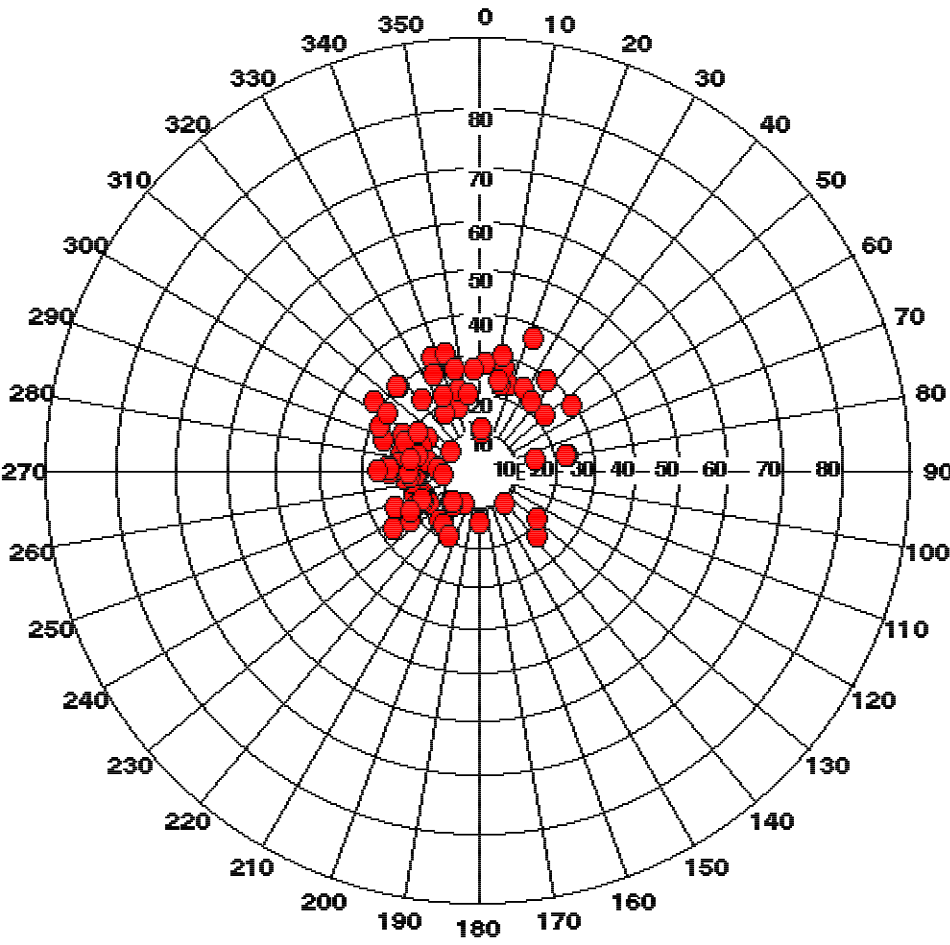
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 900.46 m
Bottom Dip = 1291.66 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Cross Bedding...	94	78.7/131.1	11.6/299.7
● (Full set)	102	78.4/132.4	11.8/302.5



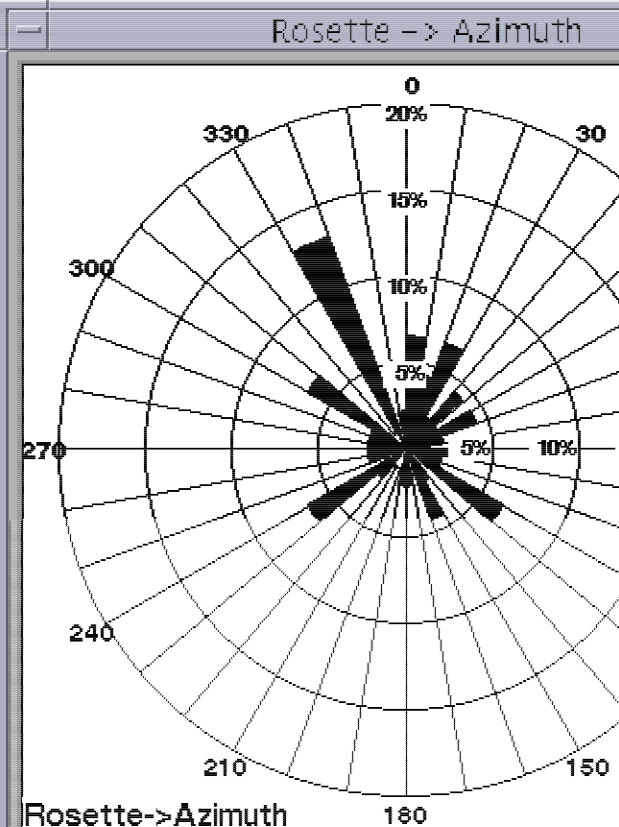
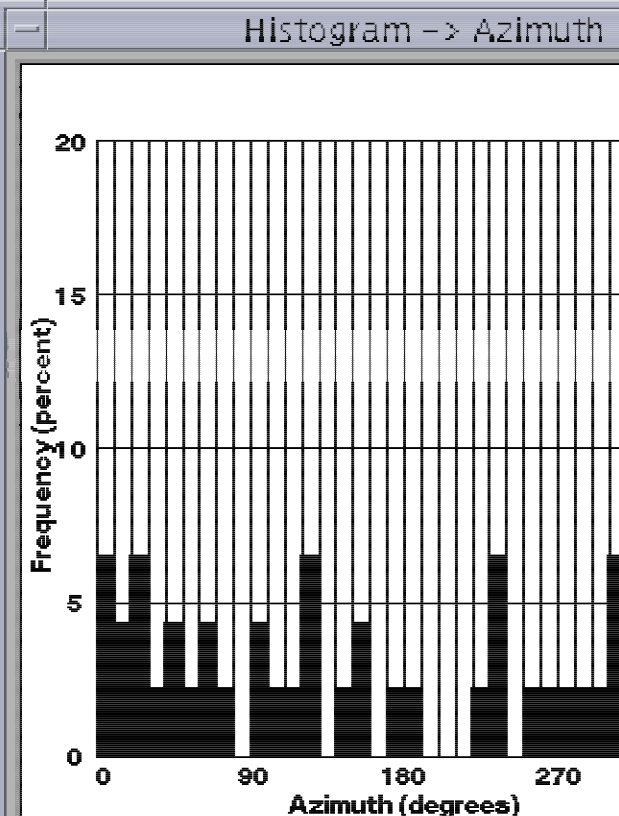
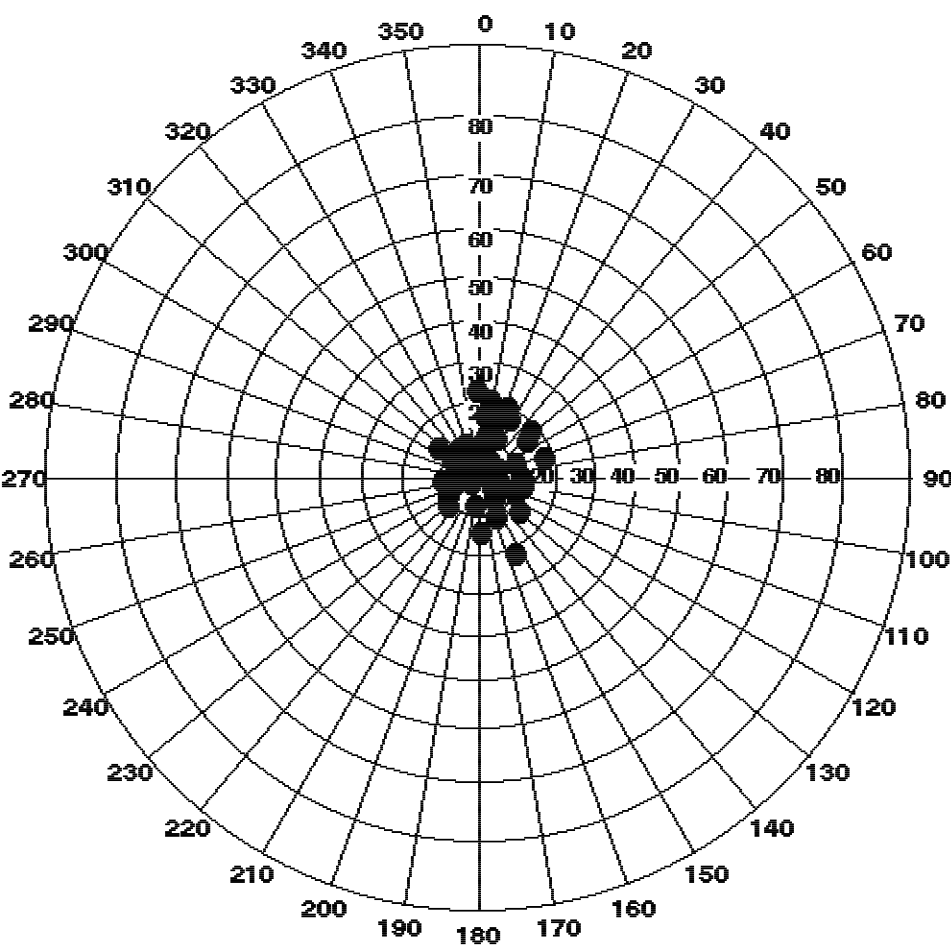
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 912.86 m
Bottom Dip = 1291.78 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Scour Surface	46	88.4/273.2	3.5/30.2
● (Full set)	49	88.4/272.4	3.4/30.0



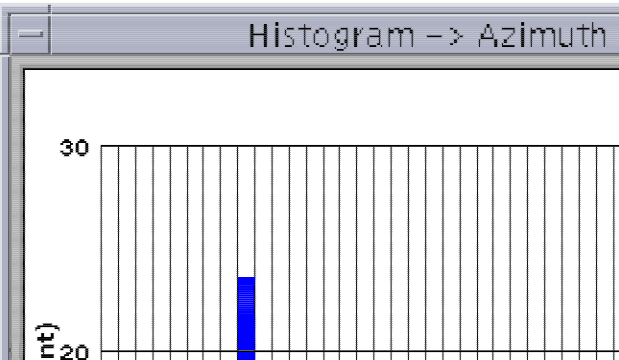
UPPER HEMISPHERE - WULFF PROJECTION

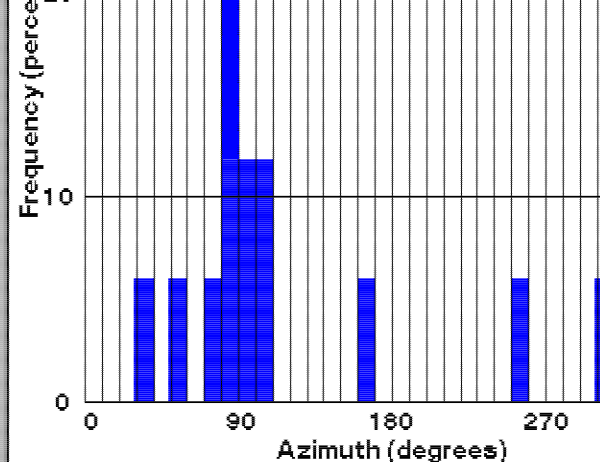
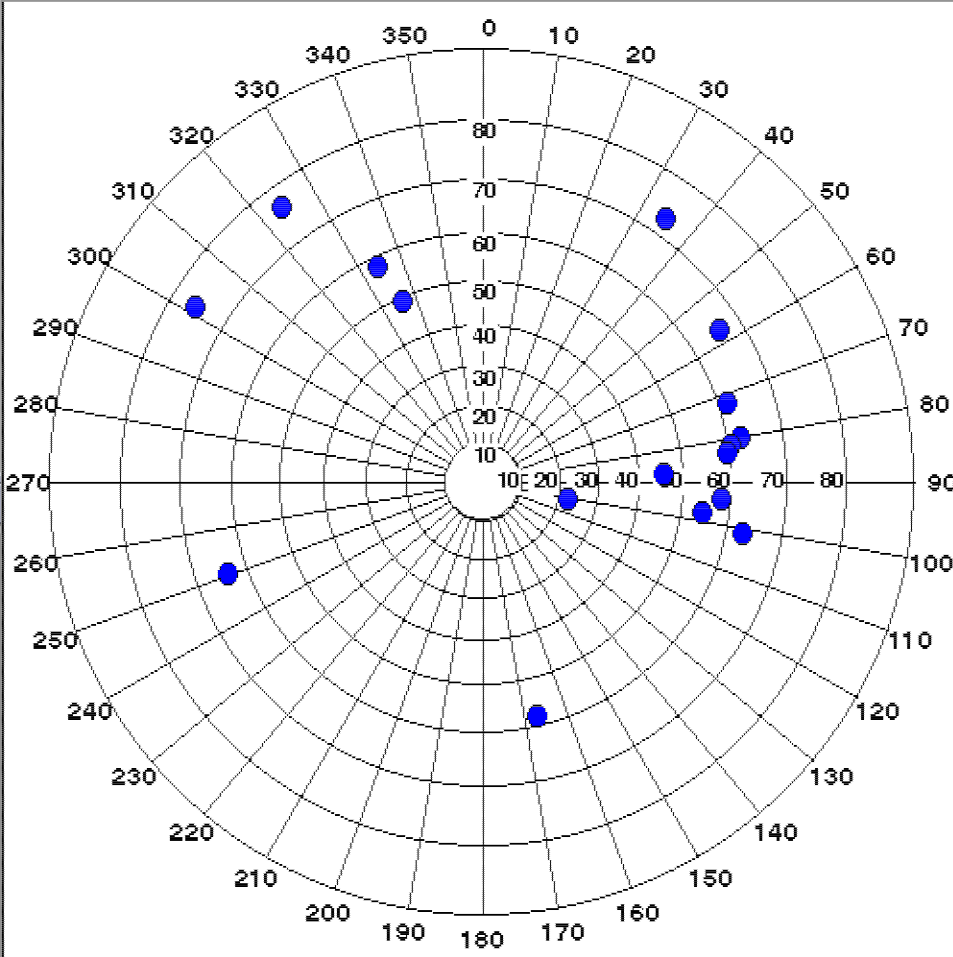
Top Dip = 706.78 m
Bottom Dip = 1110.91 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

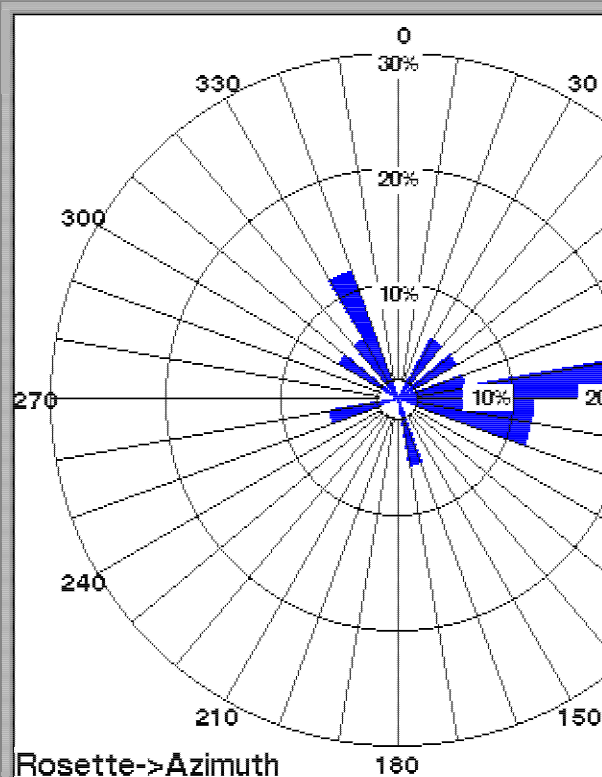
Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Conductive Fra...	17	41.9/215.7	60.3/86.1
● (Full set)	21	50.6/196.4	65.0/83.9





Rosette -> Azimuth



Rosette->Azimuth

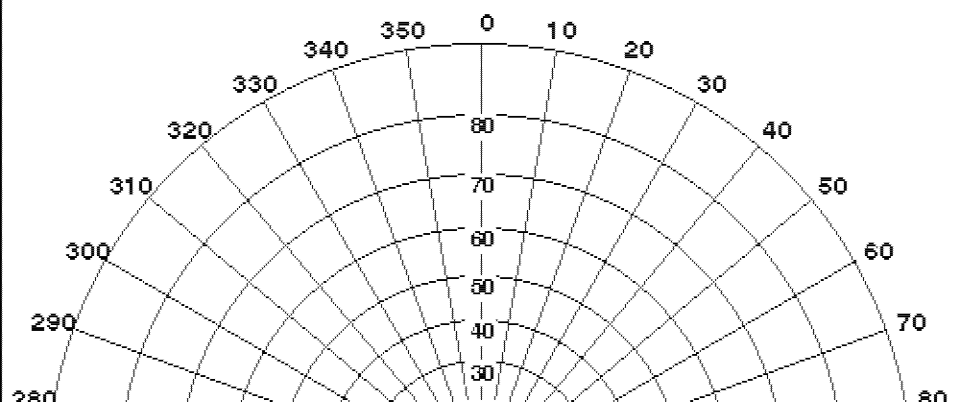
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 694.36 m
Bottom Dip = 1265.21 m

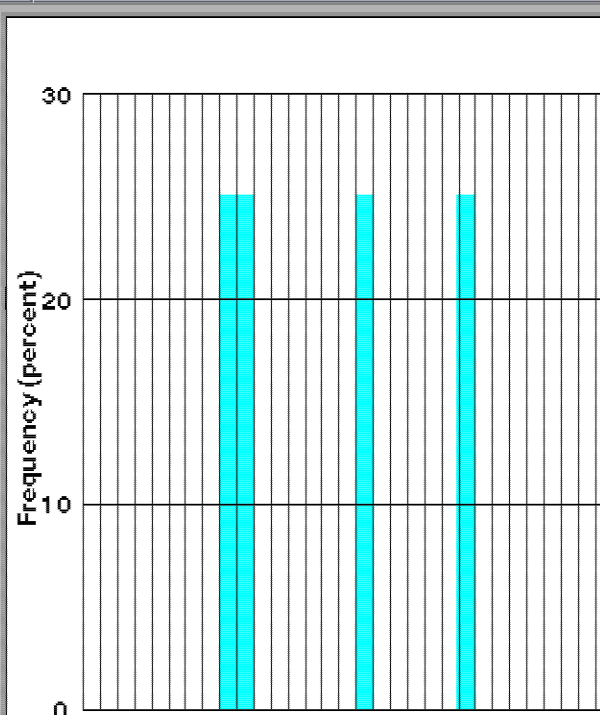
Top Zone = 781.43 m
Bottom Zone = 1180.03 m

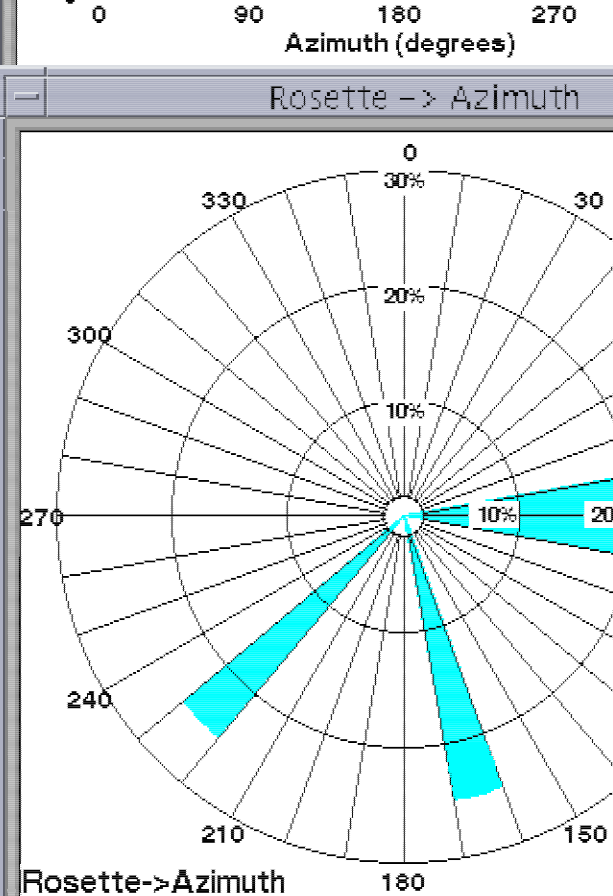
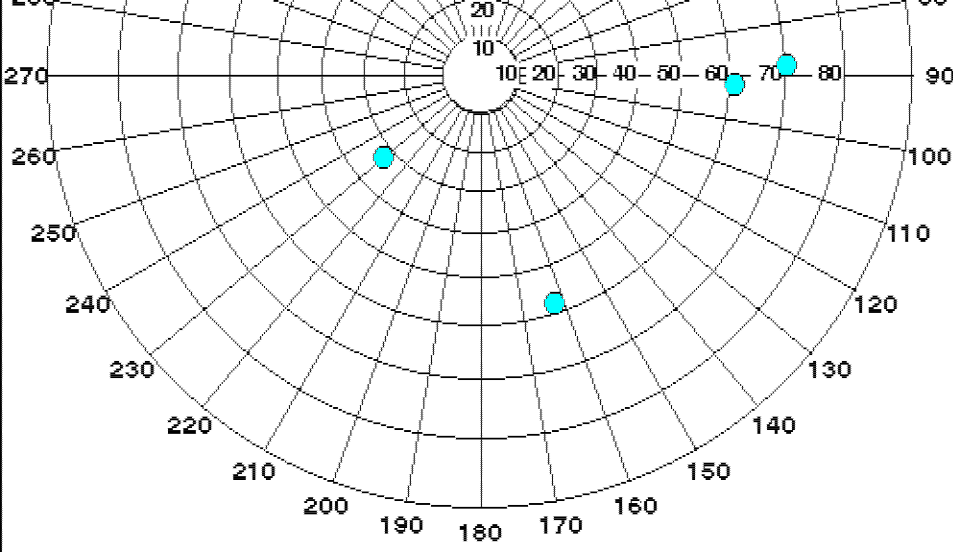
Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
ResistiveFract...	4	53.2/348.6	53.4/112.3
(Full set)	7	59.2/0.8	69.5/103.7



Histogram -> Azimuth





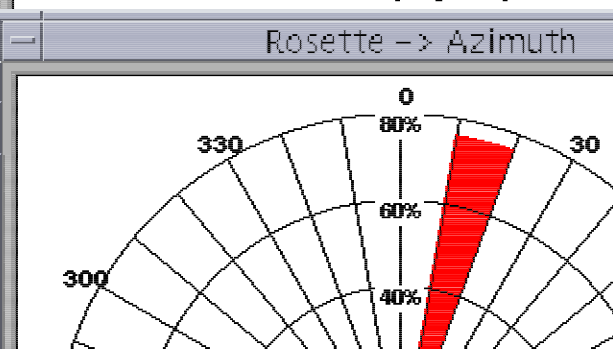
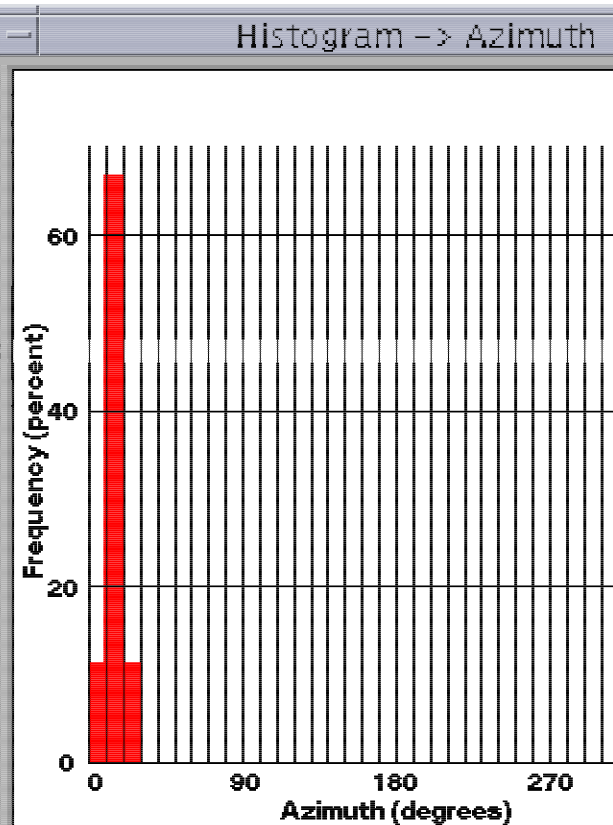
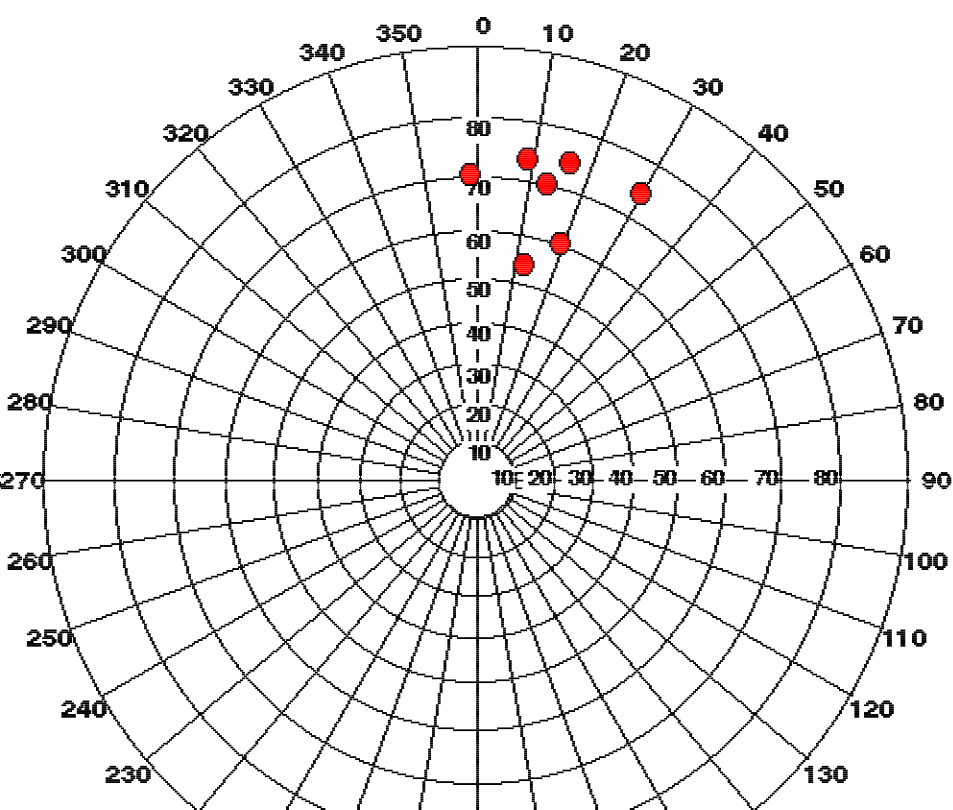
UPPER HEMISPHERE - WULFF PROJECTION

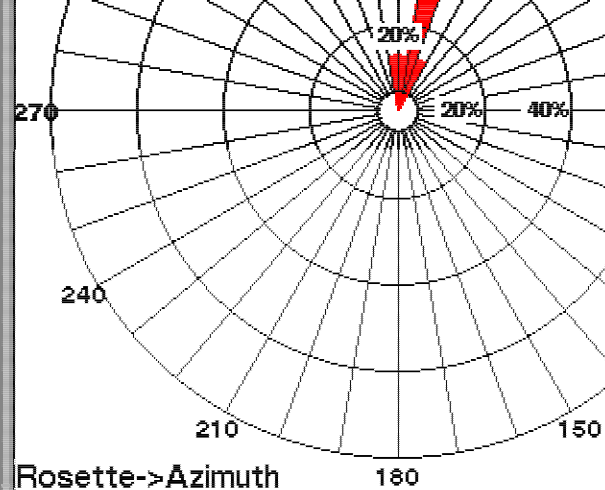
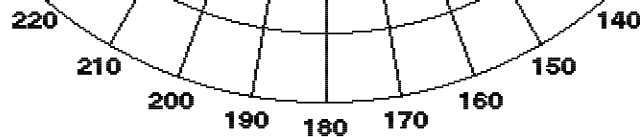
Top Dip = 1078.66 m
Bottom Dip = 1081.33 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Drilling Induced...	9	67.8/114.0	67.5/14.2





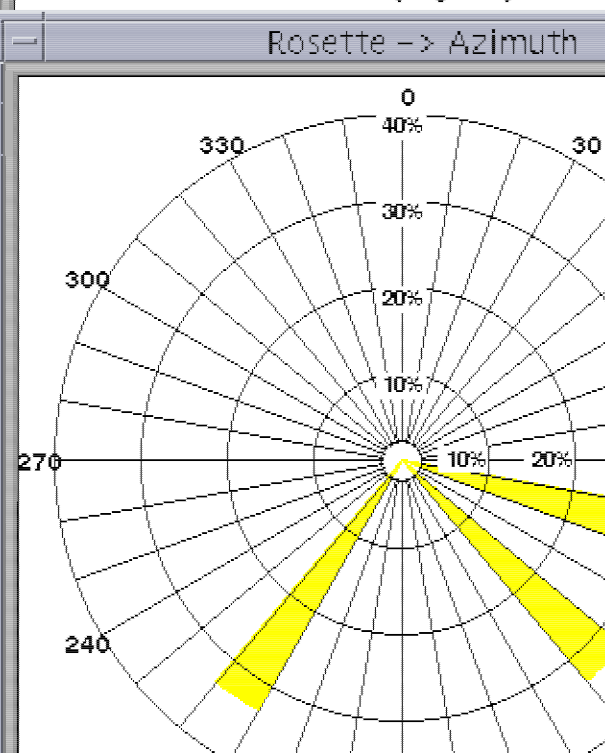
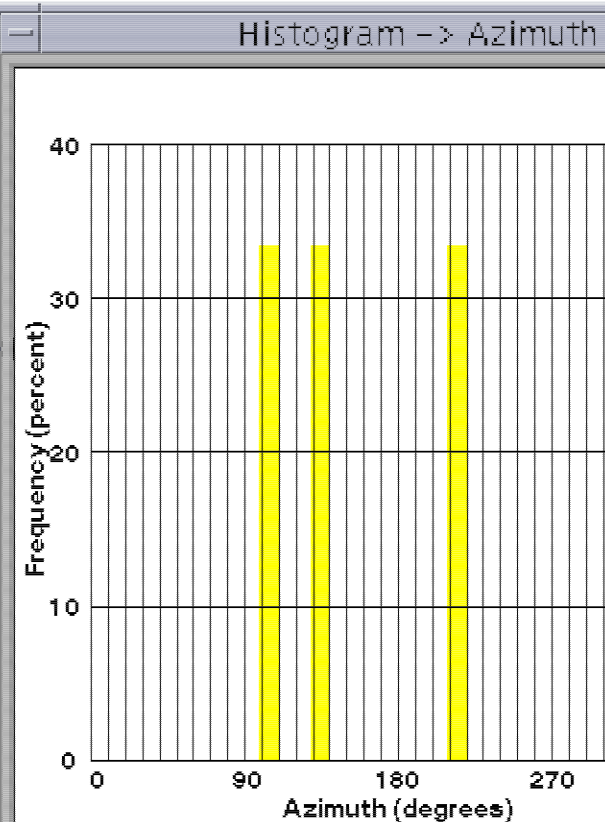
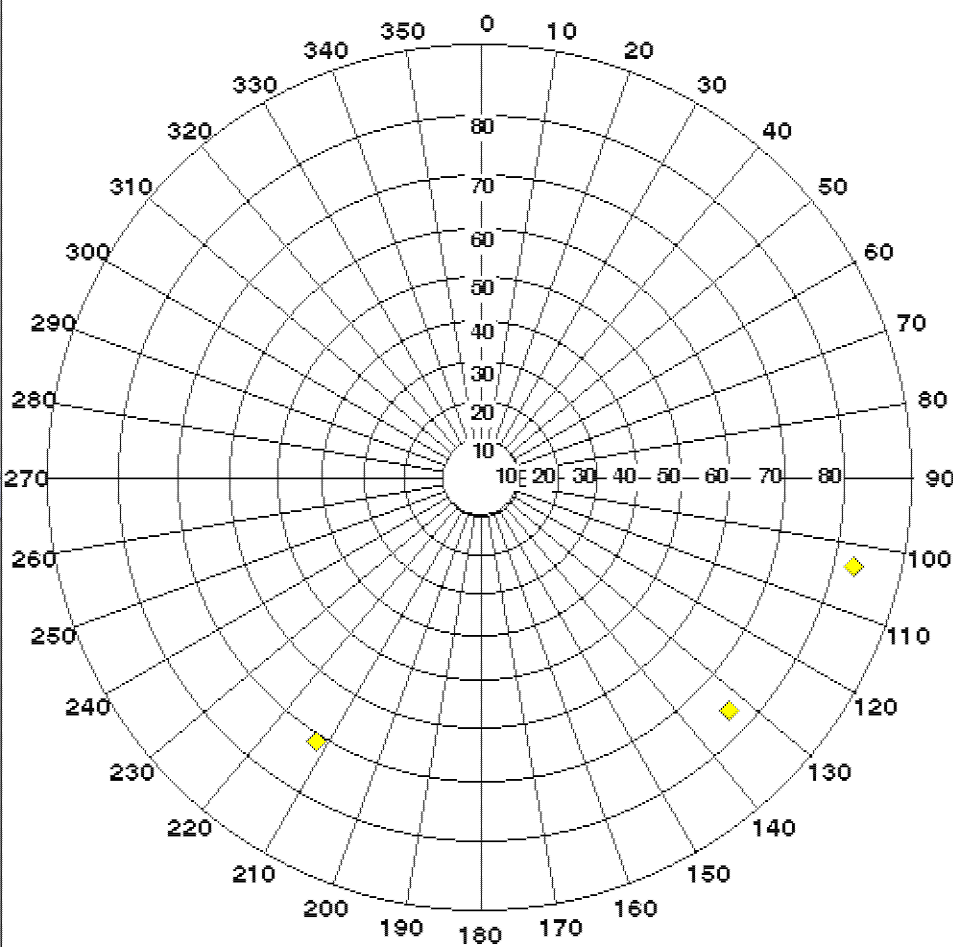
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 928.23 m
Bottom Dip = 1088.41 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
◆ Coal Fracture	3	21.0/359.6	79.7/117.9



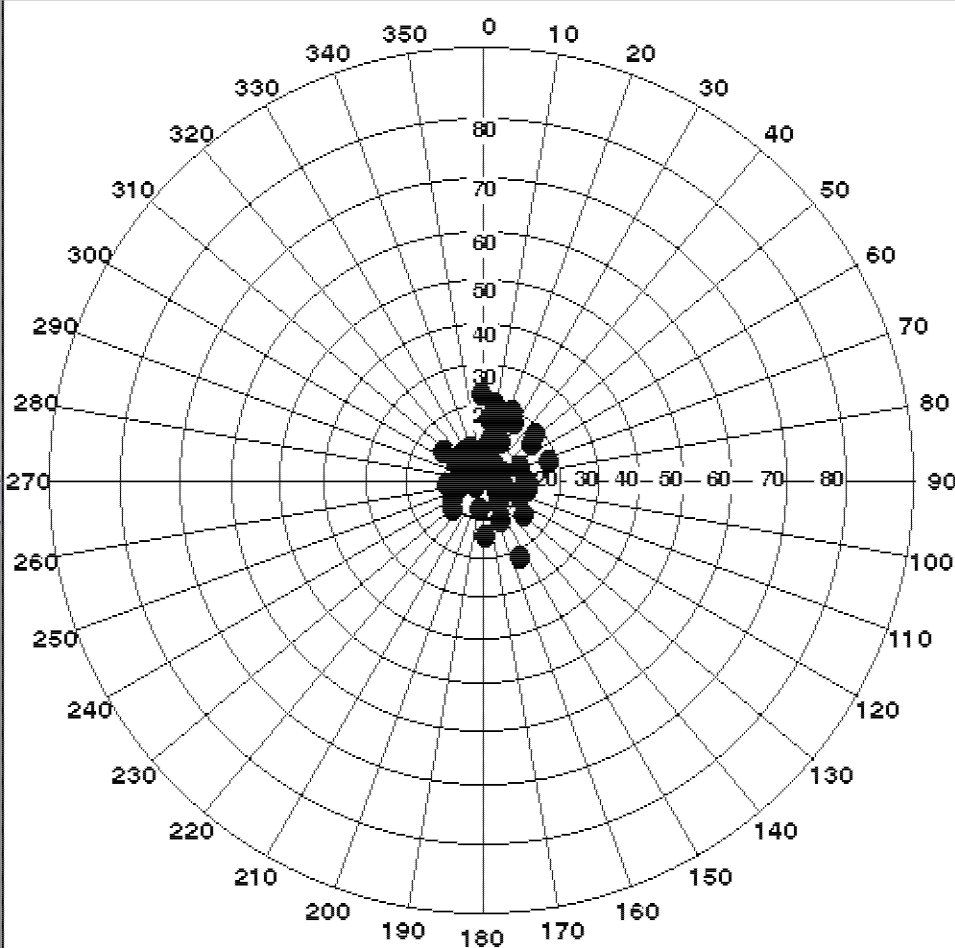
UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 912.86 m
Bottom Dip = 1291.78 m

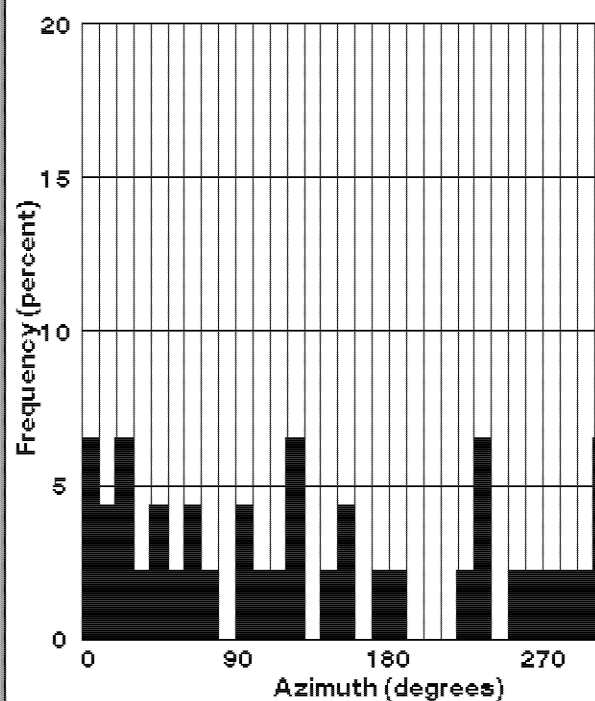
Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

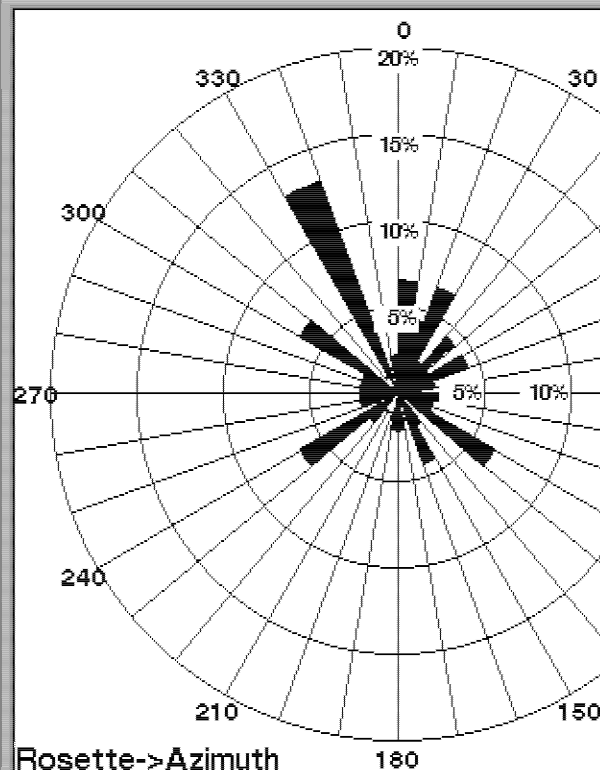
Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Scour Surface	46	88.4/273.2	3.5/30.2
● (Full set)	49	88.4/272.4	3.4/30.0



Histogram -> Azimuth



Rosette -> Azimuth



UPPER HEMISPHERE - WULFF PROJECTION

Top Dip = 704.11 m
Bottom Dip = 1106.47 m

Top Zone = 781.43 m
Bottom Zone = 1180.03 m

Geological Objects:

Set Name	Nb of Dips	Great Circle (Dip & Azimuth)	Mean Orientation (Dip & Azimuth)
● Low Confidenc...	28	89.8/357.0	5.0/89.6

Histogram -> Azimuth

