

P-06-128

Supplement 1

October 2007

Oskarshamn site investigation

Geological single-hole interpretation of KLX05, HLX15, HLX18, HLX19 and HLX32

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Description

There has been a quality revision regarding the BIPS orientation data, which generate the beta angles. Another quality revision has been done on the borehole deviation data. As these data serve as input data to the Boremap mapping a re-calculation of Boremap data has therefore been performed. This has result in new orientation data in SICADA in use flagged 2007-09-14.

Re-calculated data generates new set of data in:


Appendix 1 KLX05

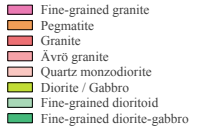
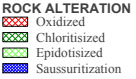
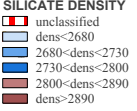
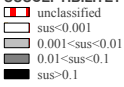

Appendix 2 HLX15

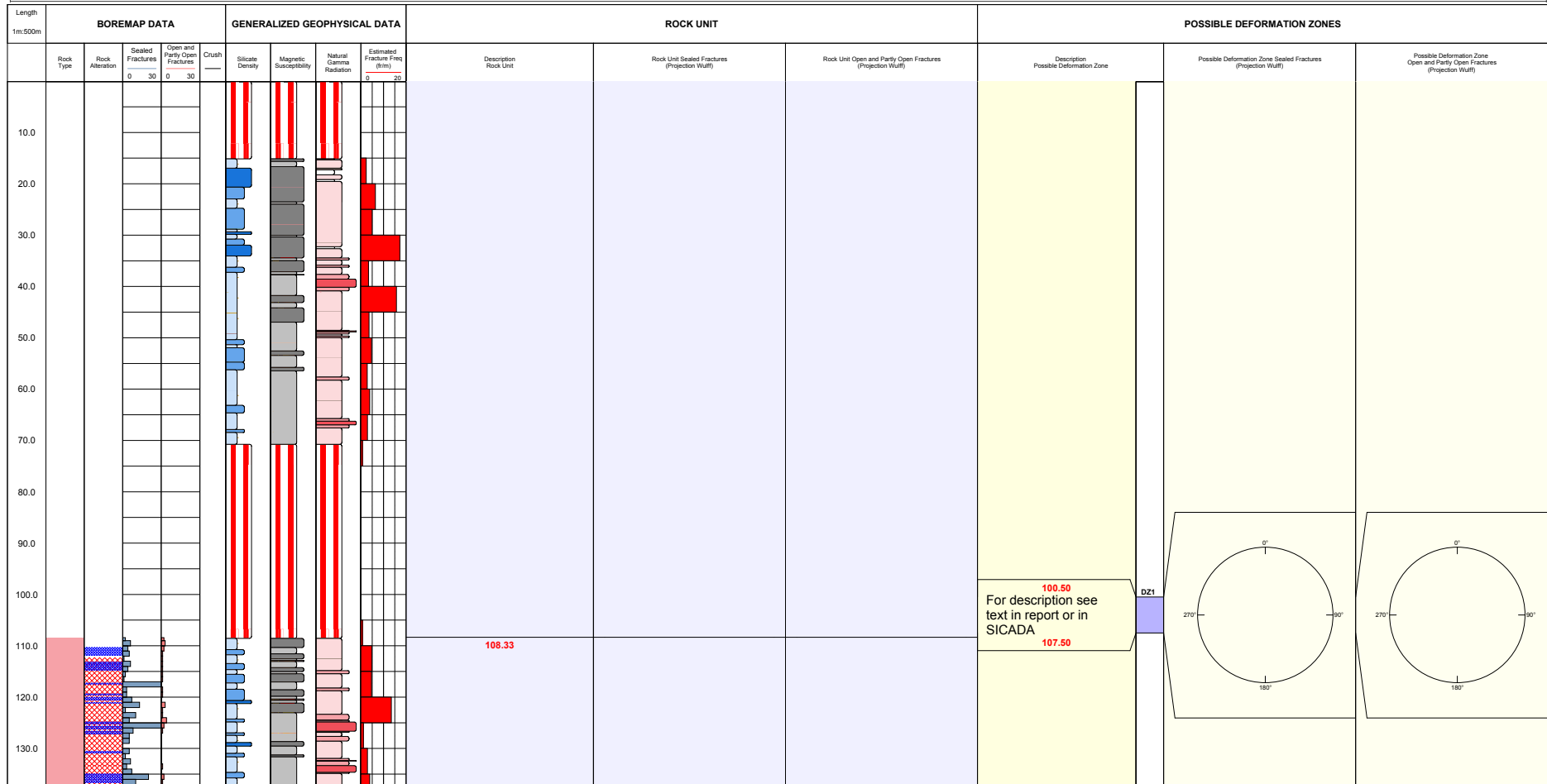
Appendix 3 HLX18

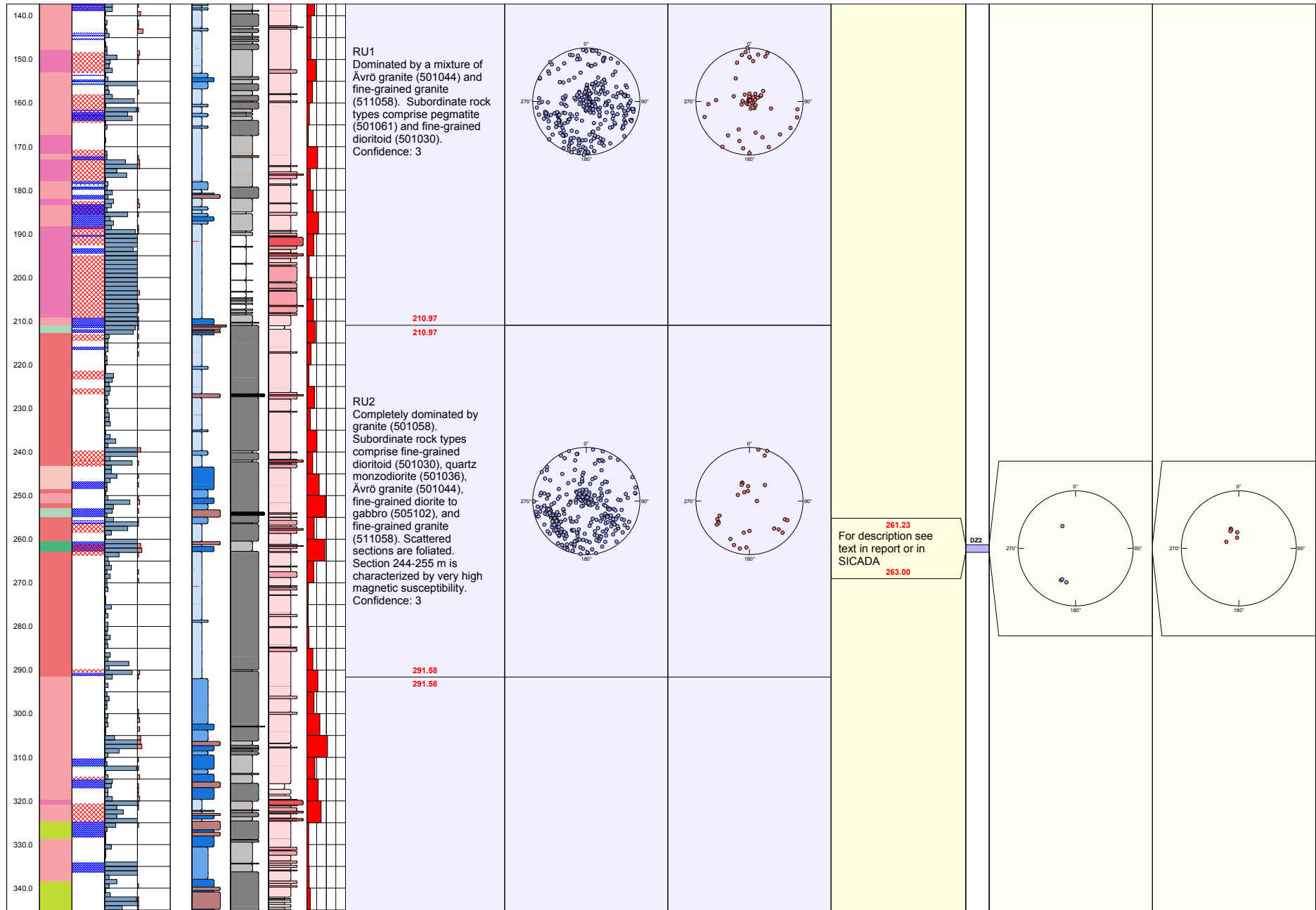
Appendix 4 HLX19

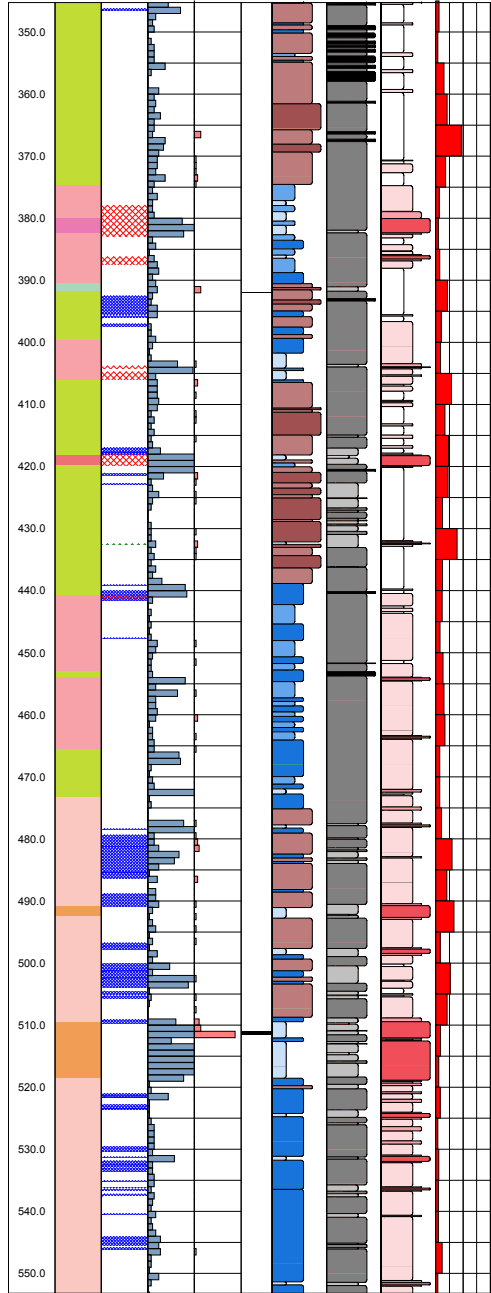
Appendix 5 HLX32

Title SINGLE HOLE INTERPRETATION KLX05		Site LAXEMAR		Inclination [°] -65.21	Elevation [m.a.s.l.] 17.56	Signed data
	Borehole KLX05	Date of mapping 2005-03-14 16:38:00	Drilling Start Date 2004-08-11 07:00:00			
	Diameter [mm] 76	Coordinate System RT90-RHB70	Drilling Stop Date 2004-08-25 11:30:00			
	Length [m] 1000.160	Northing [m] 6365632.52	Surveying Date			
	Bearing [°] 190.19	Easting [m] 1548909.46	Plot Date 2007-10-14 22:03:05			

ROCKTYPE LAXEMAR 	ROCK ALTERATION 	SILICATE DENSITY 	SUSCEPTIBILITET 	NATURAL GAMMA 
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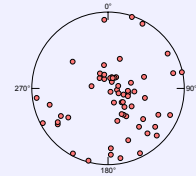
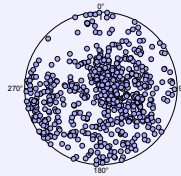






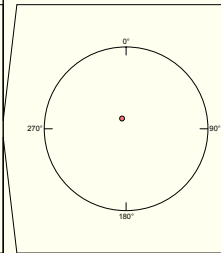
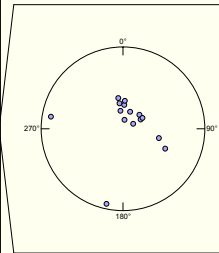
RU3
 Dominated by a mixture of Åvrö granite (501044) and diorite to gabbro (501033). Subordinate rock types comprise fine-grained granite (511058), fine-grained dioritoid (501030), fine-grained diorite to gabbro (505102), granite (501058) and pegmatite (501061). Scattered sections are foliated. The diorite to gabbro section 340-375 m is characterized by very high magnetic susceptibility (>0.1 SI) and high density (>2875 kg/m³), whereas the diorite to gabbro in section 406-436 m has markedly lower magnetic susceptibility. Confidence: 3

473.30
 473.30



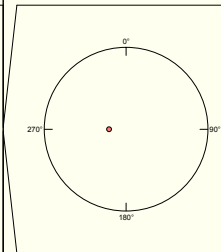
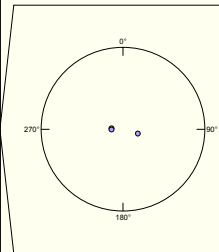
403.40
 For description see text in report or in SICADA
 406.10

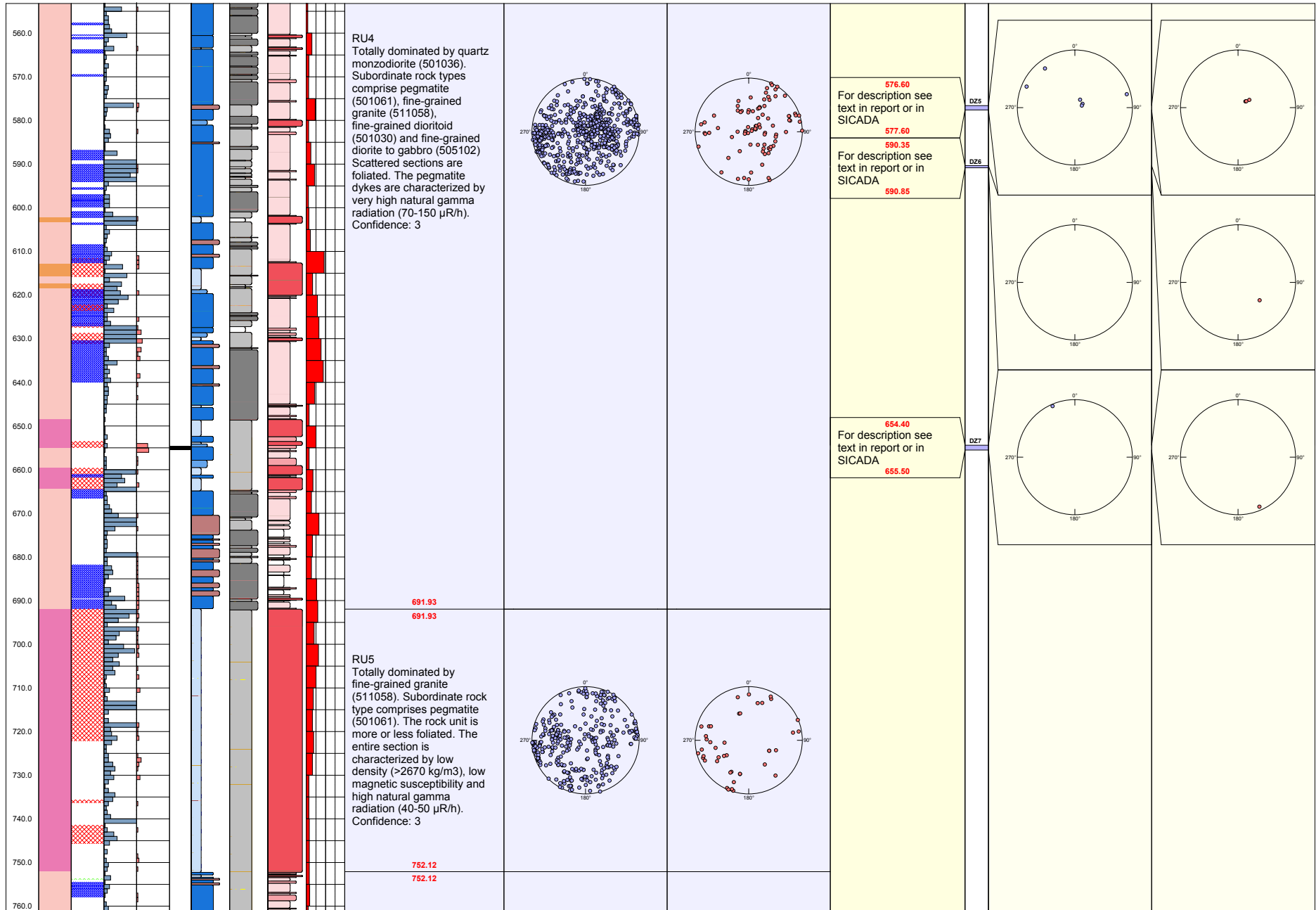
DZ3

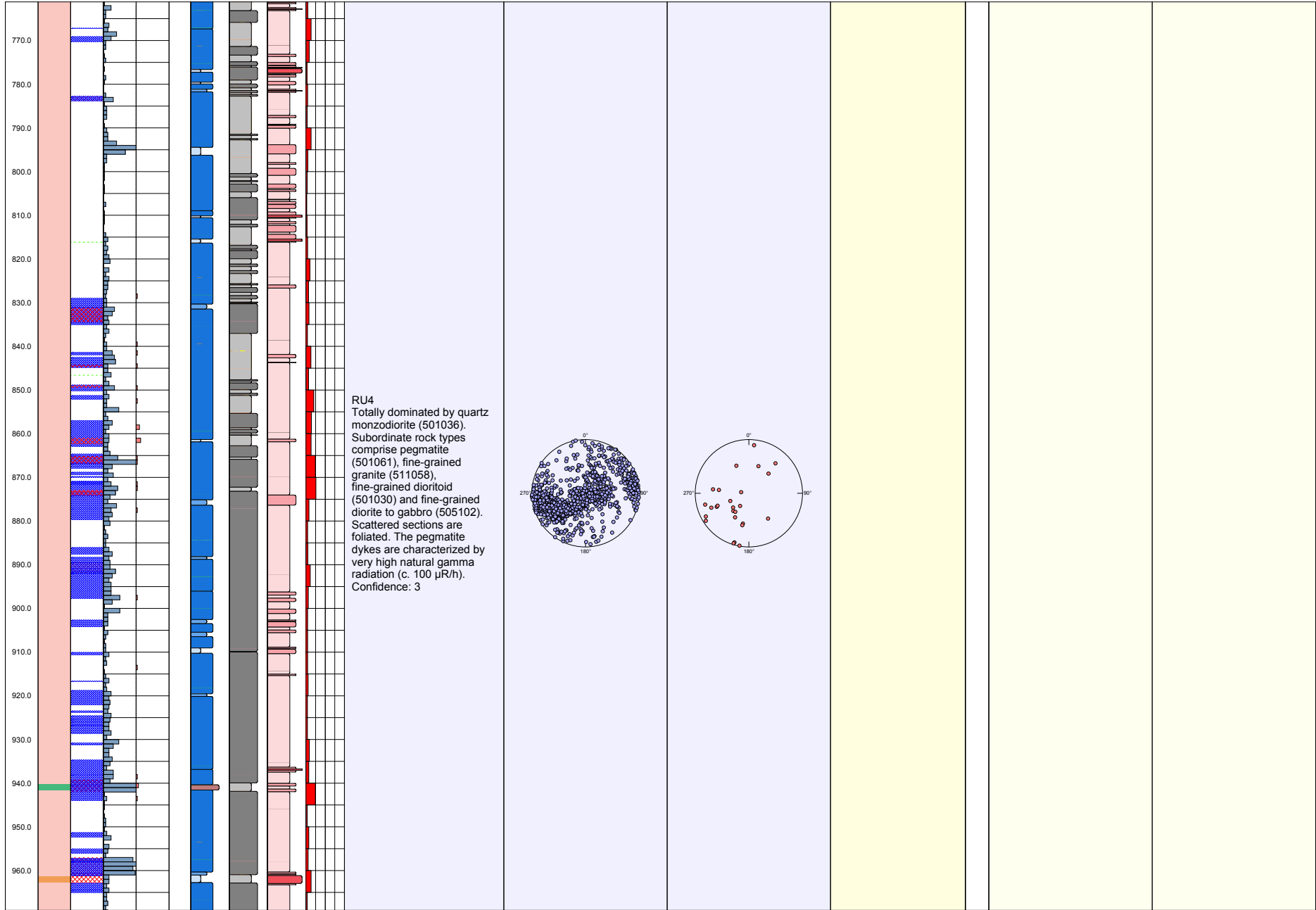


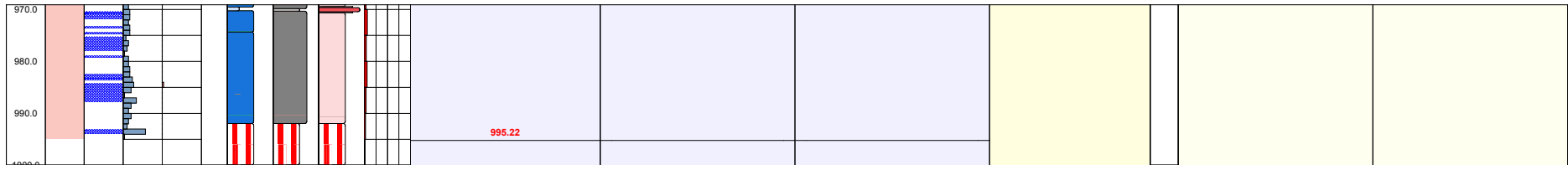
477.50
 For description see text in report or in SICADA
 478.10


DZ4



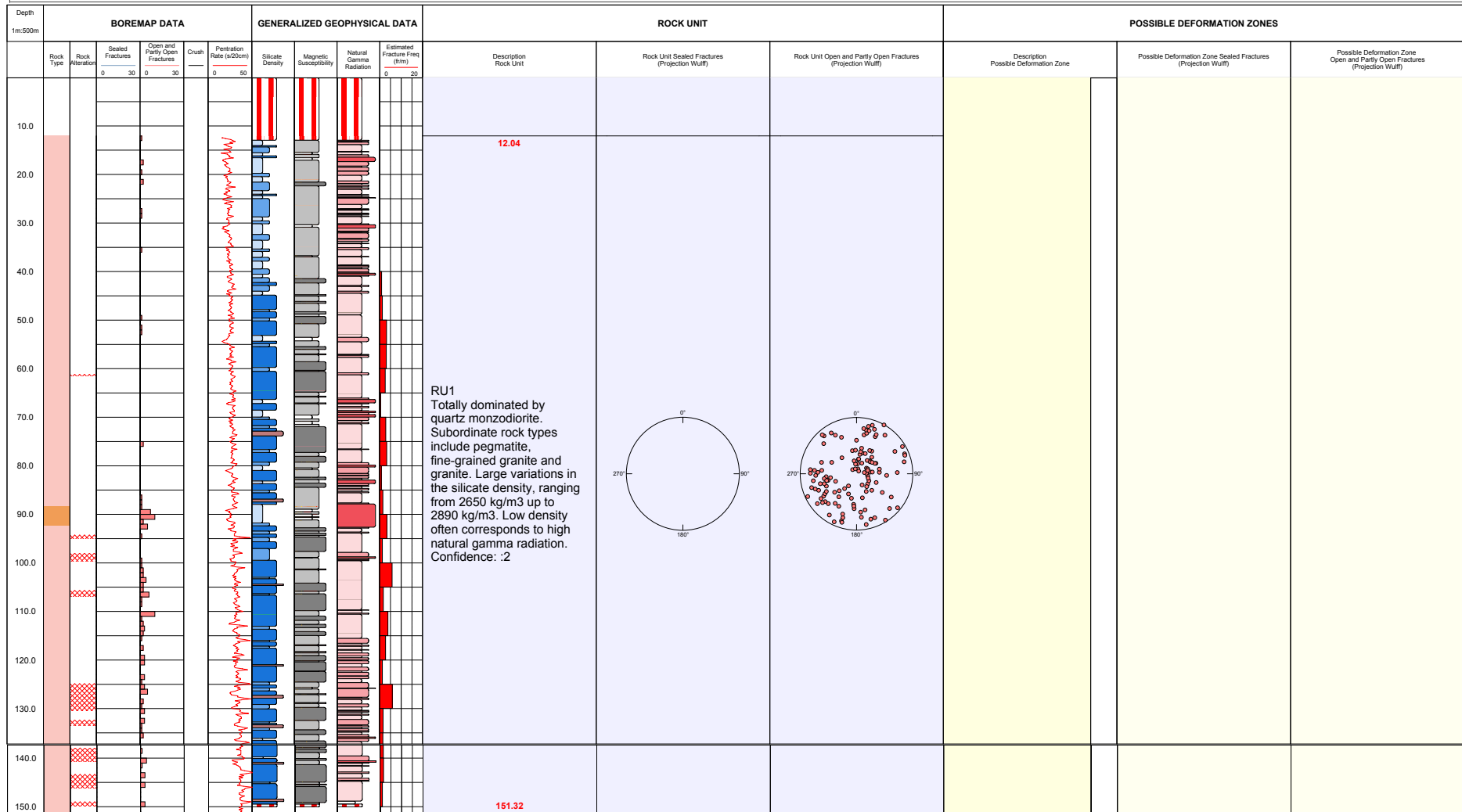


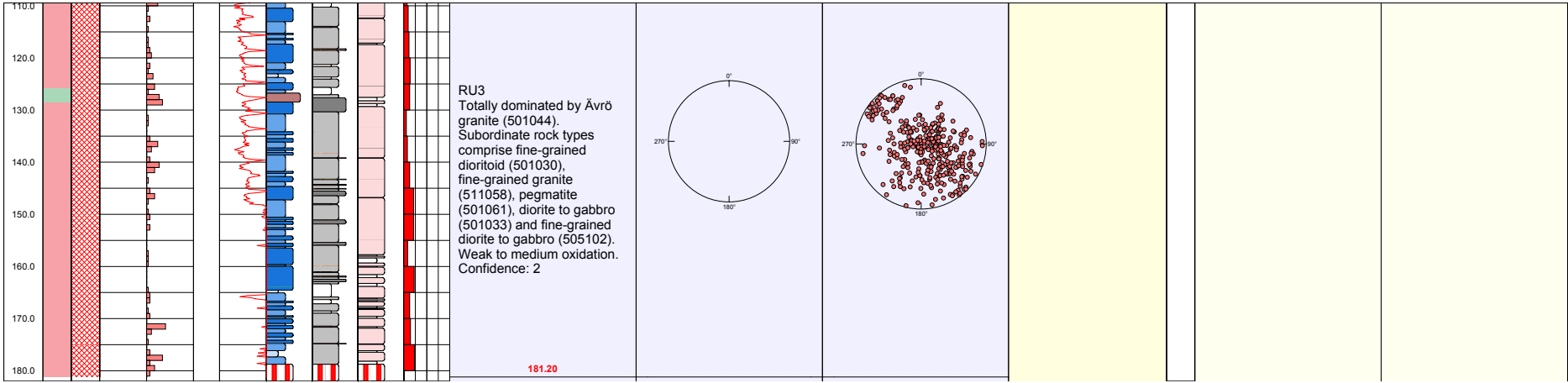




Title SINGLE HOLE INTERPRETATION HLX15		Site LAXEMAR		Inclination [°] -58.36	Elevation [m.a.s.l.] 4.81	Signed data
	Borehole HLX15	Date of mapping 2004-07-29 12:12:00	Drilling Start Date 2004-04-27 07:00:00			
	Diameter [mm] 137	Coordinate System RT90-RHB70	Drilling Stop Date 2004-04-29 09:30:00			
	Length [m] 151.900	Northing [m] 6365361.98	Surveying Date			
	Bearing [°] 184.65	Easting [m] 1548664.02	Plot Date 2007-10-15 22:03:14			

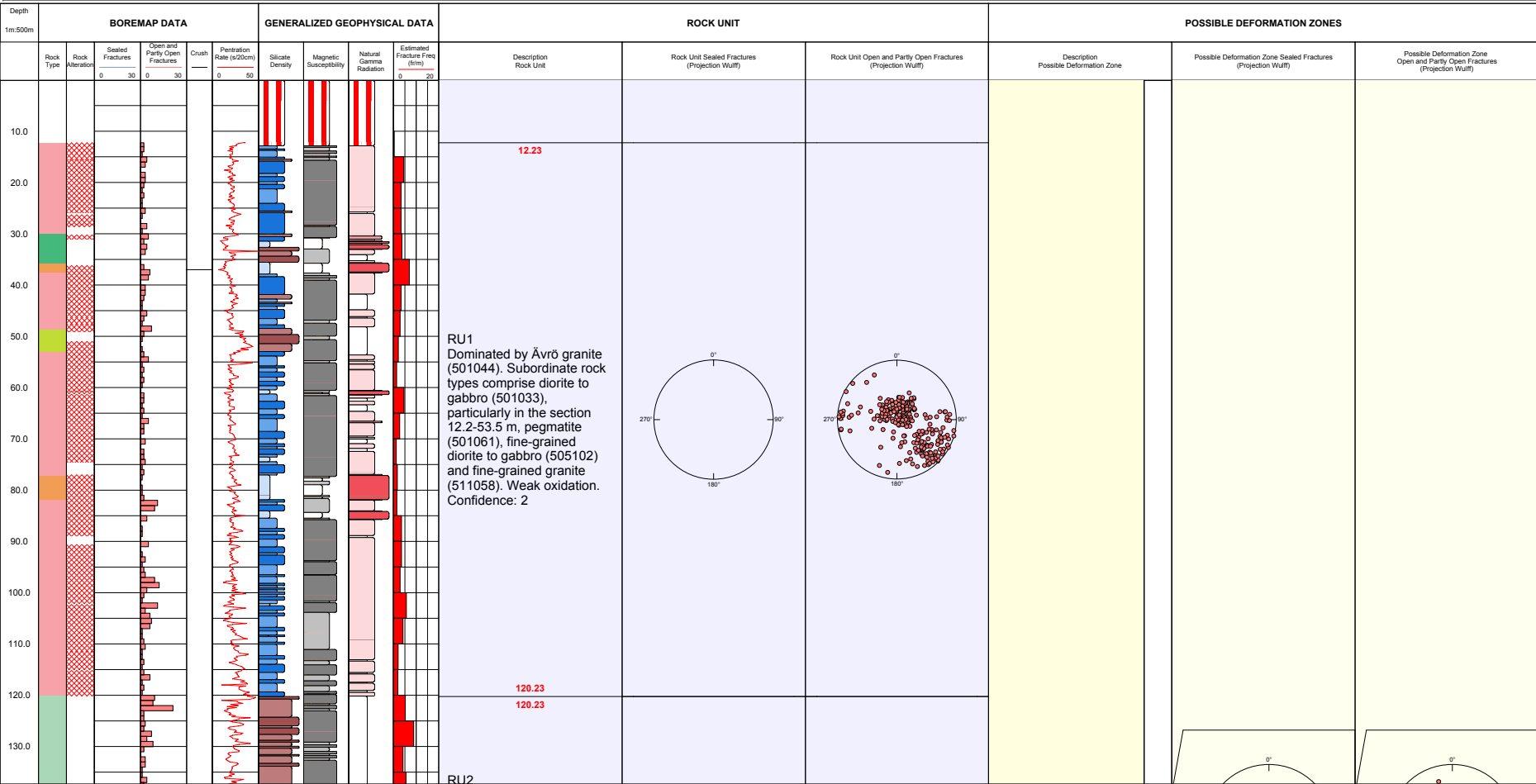
ROCKTYPE LAXEMAR	ROCK ALTERATION	SILICATE DENSITY	SUSCEPTIBILITET	NATURAL GAMMA
<ul style="list-style-type: none"> Pegmatite Quartz monzodiorite 	<ul style="list-style-type: none"> Oxidized 	<ul style="list-style-type: none"> unclassified dens<2680 2680<dens<2730 2730<dens<2800 2800<dens<2890 	<ul style="list-style-type: none"> unclassified sus<0.001 0.001<sus<0.01 0.01<sus<0.1 	<ul style="list-style-type: none"> unclassified gam<10 10<gam<20 20<gam<30 gam>30

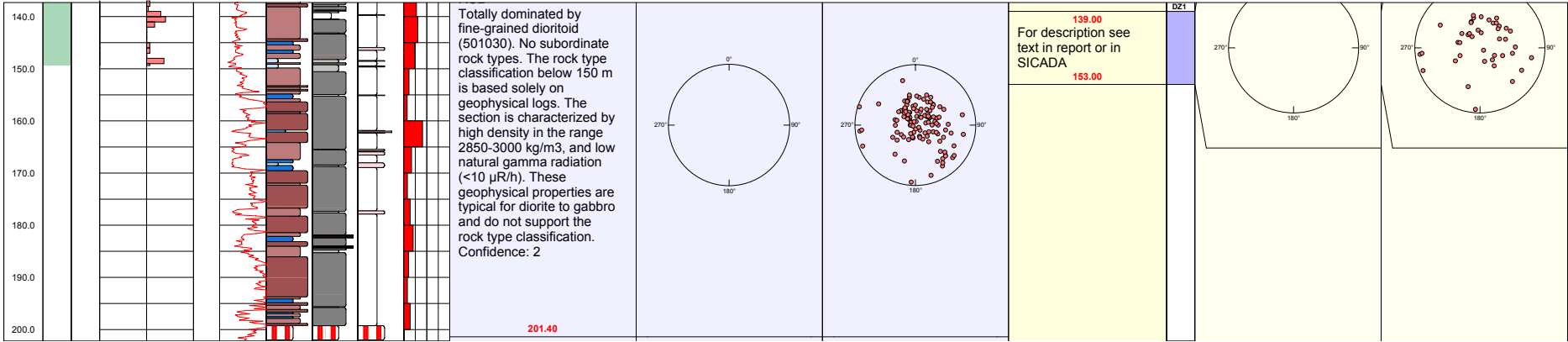




Title SINGLE HOLE INTERPRETATION HLX19									
	Site	LAXEMAR	Inclination [°]	-57.89	Elevation [m.a.s.l.]	5.95	Signed data		
	Borehole	HLX19	Date of mapping	2005-04-05 17:14:00	Drilling Start Date	2004-08-10 13:30:00			
	Diameter [mm]	137	Coordinate System	RT90-RHB70	Drilling Stop Date	2004-08-12 20:15:00			
	Length [m]	202.200	Northing [m]	6365757.88	Surveying Date				
	Bearing [°]	130.04	Easting [m]	1550090.87	Plot Date	2007-10-15 22:03:14			

ROCKTYPE LAXEMAR		ROCK ALTERATION		SILICATE DENSITY		SUSCEPTIBILITET		NATURAL GAMMA	
Pegmatite	Oxidized	unclassified	dens<2680	unclassified	sus<0.001	gam<10	gam<20	gam<30	gam>30
Ävrö granite		2680<dens<2730	2730<dens<2800	0.001<sus<0.01	0.01<sus<0.1	20<gam<30			
Diorite / Gabbro		2800<dens<2890	dens>2890	sus>0.1					
Fine-grained dioritoid									
Fine-grained diorite-gabbro									





Title SINGLE HOLE INTERPRETATION HLX32		Site LAXEMAR		Inclination [°] -58.66	Elevation [m.a.s.l.] 10.84	Signed data
	Borehole HLX32	Date of mapping 2005-04-12 17:36:00	Drilling Start Date 2005-01-04 12:00:00	Drilling Stop Date 2005-01-11 12:30:00		
	Diameter [mm] 140	Coordinate System RT90-RHB70	Surveying Date			
	Length [m] 162.600	Northing [m] 6365725.79	Plot Date 2007-10-15 22:03:14			
	Bearing [°] 28.59	Easting [m] 1546734.36				
ROCKTYPE LAXEMAR		ROCK ALTERATION		SILICATE DENSITY		SUSCEPTIBILITET
<ul style="list-style-type: none"> Fine-grained granite Quartz monzodiorite Fine-grained diorite-gabbro 		<ul style="list-style-type: none"> Oxidized 		<ul style="list-style-type: none"> unclassified dens<2680 2680<dens<2730 2730<dens<2800 		<ul style="list-style-type: none"> unclassified sus<0.001 0.001<sus<0.01 0.01<sus<0.1
NATURAL GAMMA						
<ul style="list-style-type: none"> unclassified gam<10 10<gam<20 20<gam<30 gam>30 						

