

P-04-309

Supplement 1

October 2007

Oskarshamn site investigation

Geological single-hole interpretation of KLX04, HLX21, HLX22, HLX23, HLX24 and HLX25

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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 2007-10-01.

Re-calculated data generates new set of data in:

Appendix 1 KLX04


Appendix 2 HLX21

Appendix 3 HLX22

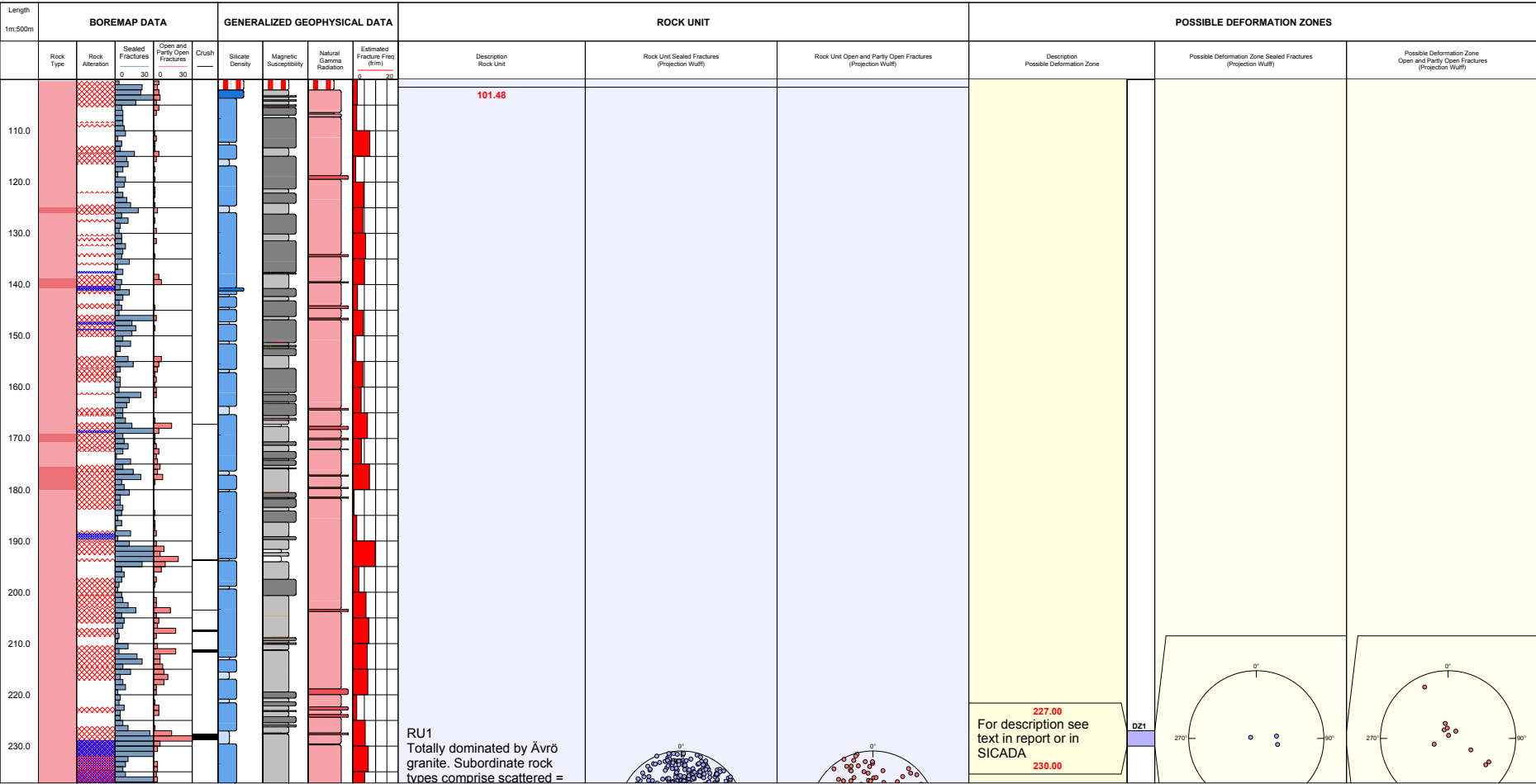
Appendix 4 HLX23

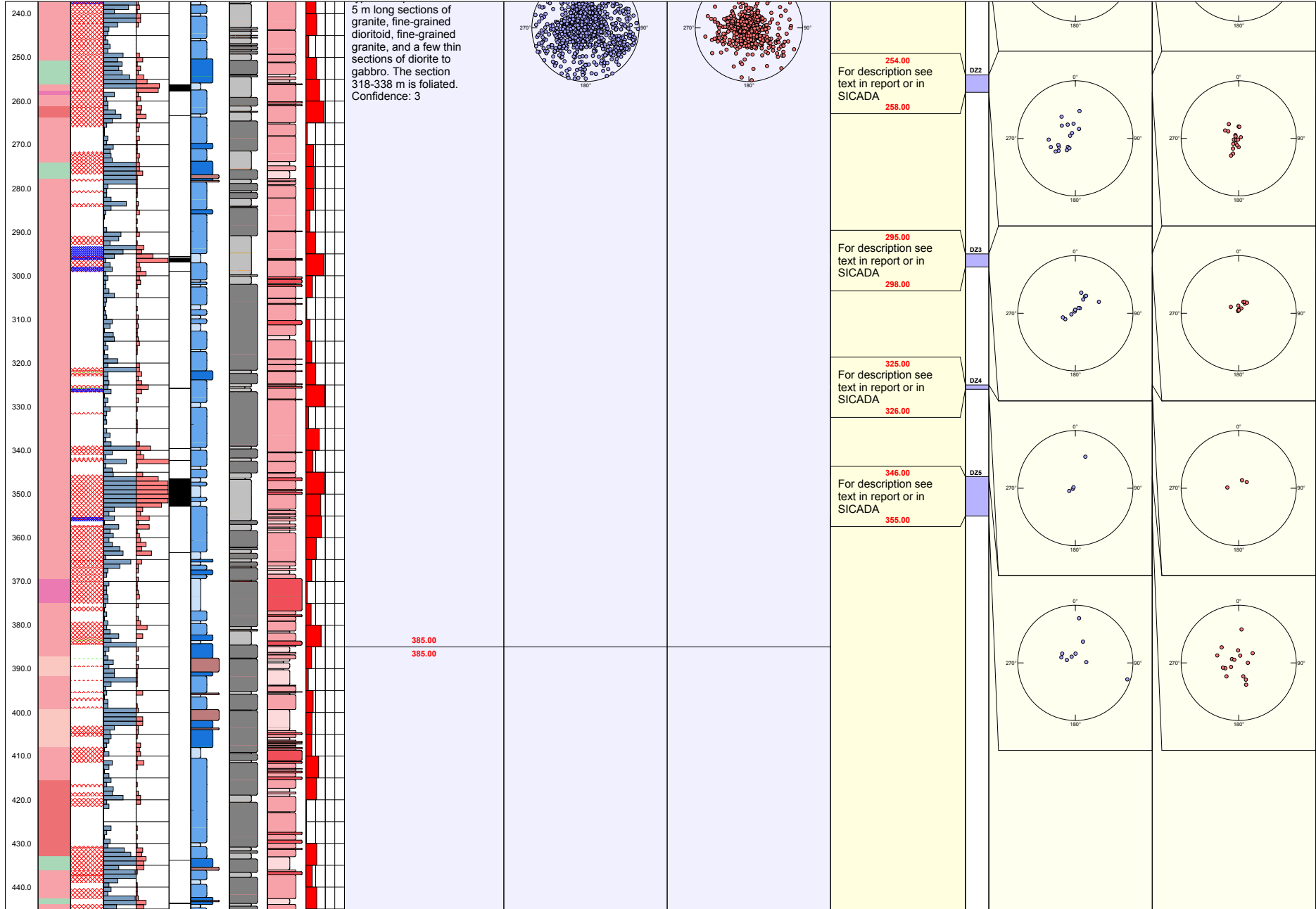
Appendix 5 HLX24

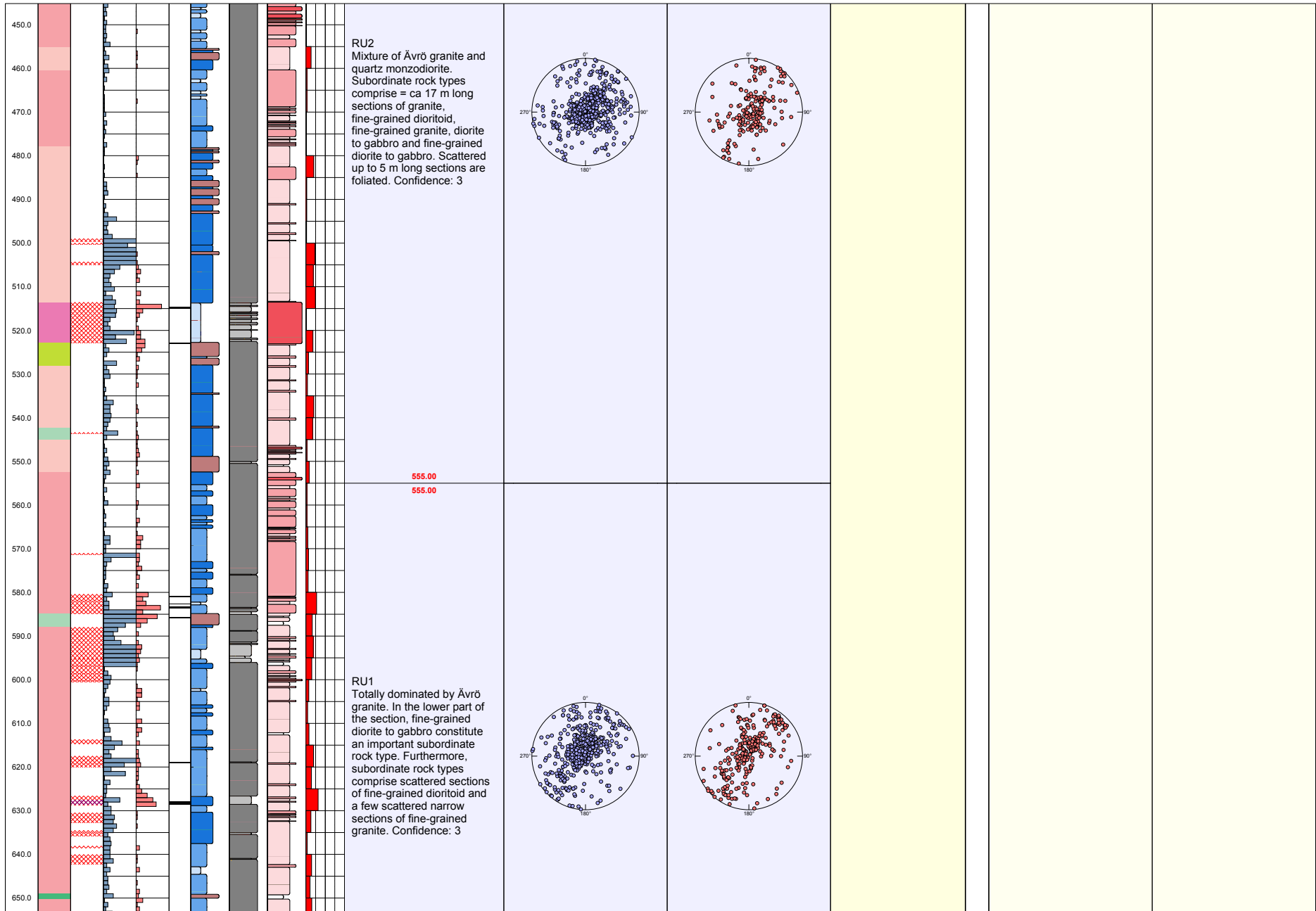
Appendix 6 HLX25

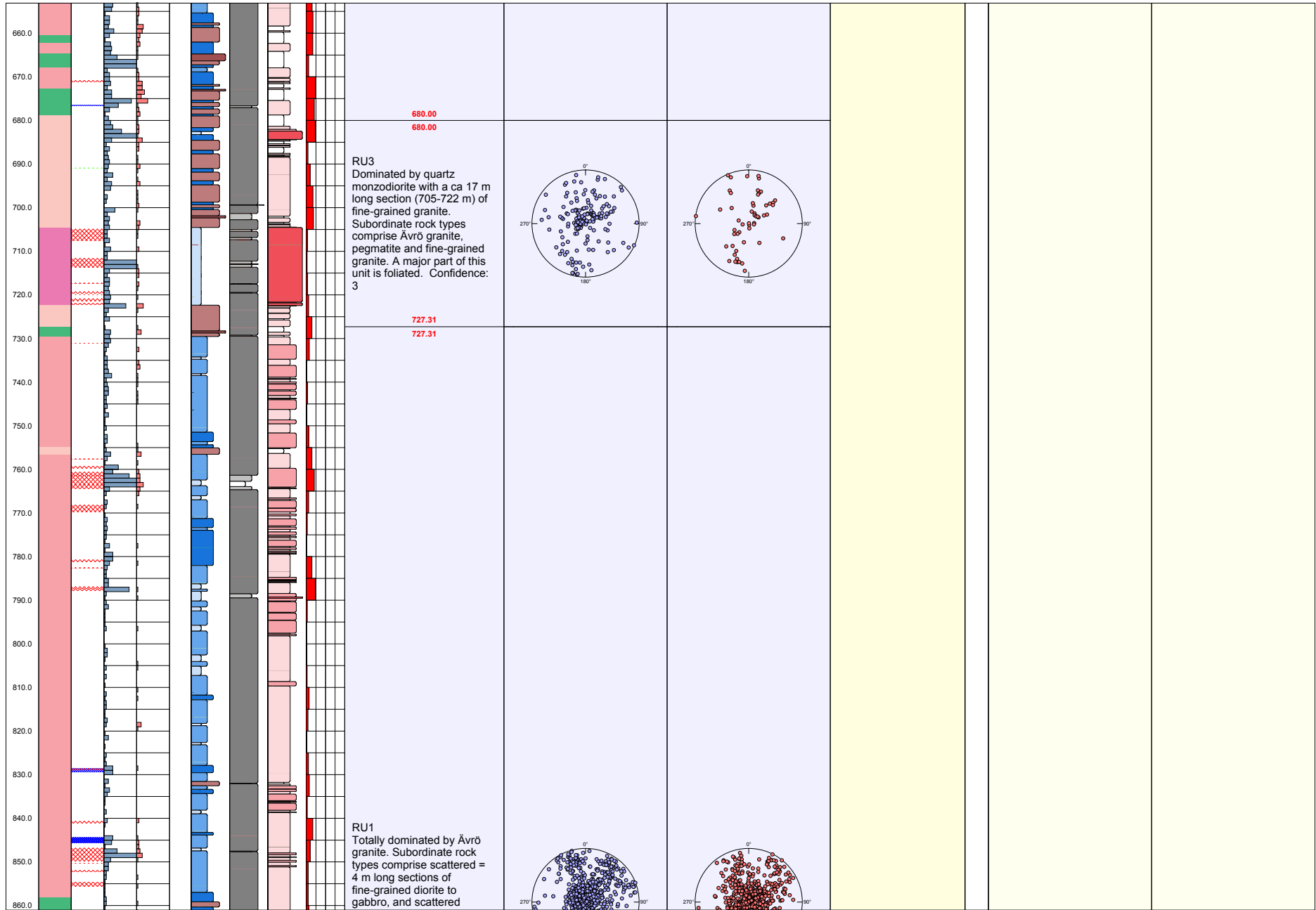
Title SINGLE HOLE INTERPRETATION KLX04							
	Site	LAXEMAR	Inclination [°]	-84.75	Elevation [m.a.s.l.]	24.02	Signed data
	Borehole	KLX04	Date of mapping	2004-07-22 00:00:00	Drilling Start Date	2004-02-11 11:30:00	
	Diameter [mm]	76	Coordinate System	RT90-RHB70	Drilling Stop Date	2004-02-18 14:00:00	
	Length [m]	993.490	Northing [m]	6367076.37	Surveying Date		
	Bearing [°]	0.93	Easting [m]	1548171.98	Plot Date	2007-10-14 22:03:05	

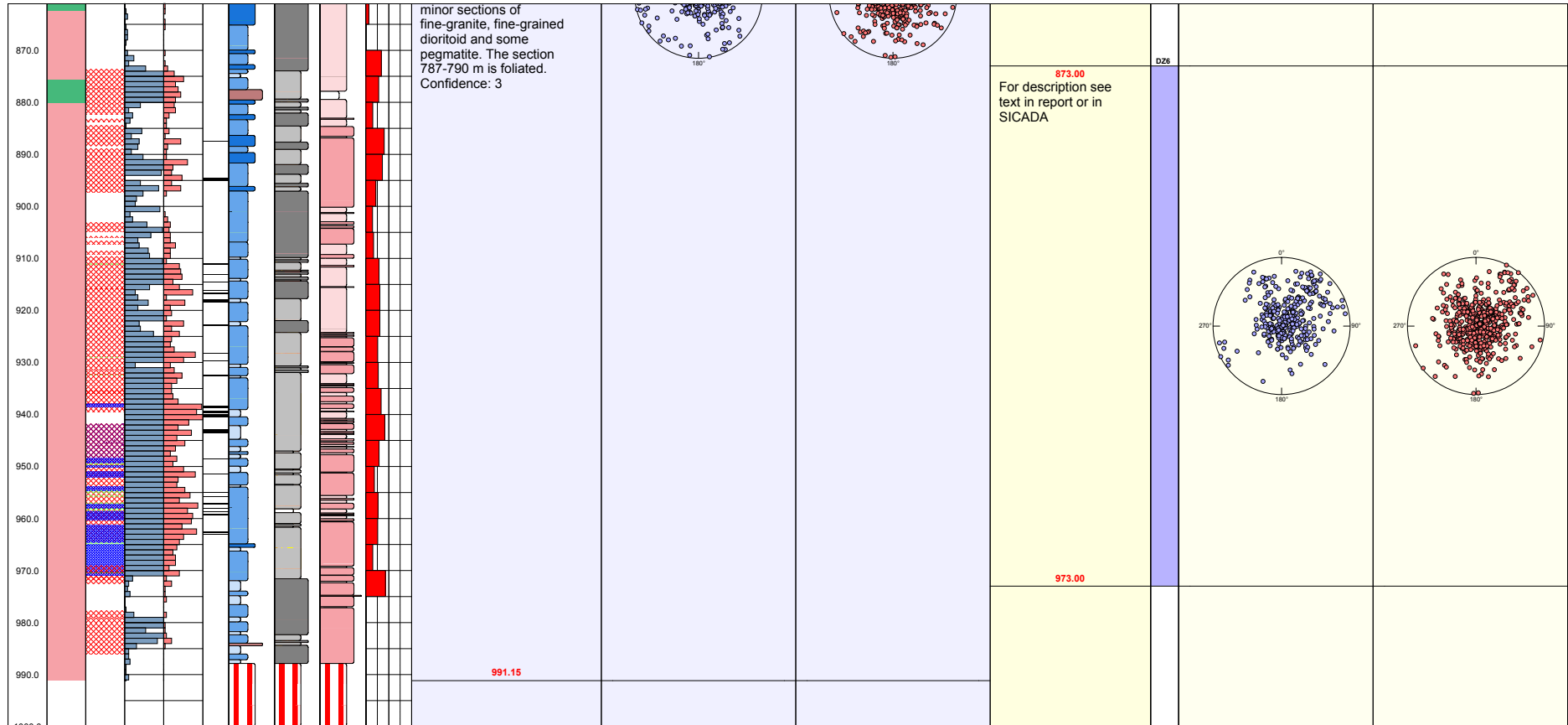
ROCKTYPE LAXEMAR		ROCK ALTERATION		SILICATE DENSITY		SUSCEPTIBILITET		NATURAL GAMMA	
Fine-grained granite	Granite	Oxidized	Chloritized	dens<=2680	unclassified	sus<0.001	unclassified	gam<10	gam<30
Ävrö granite	Quartz monzodiorite	Epidotized	Quartz dissolution	2680<dens<2730	0.001<sus<0.01	0.01<sus<0.1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





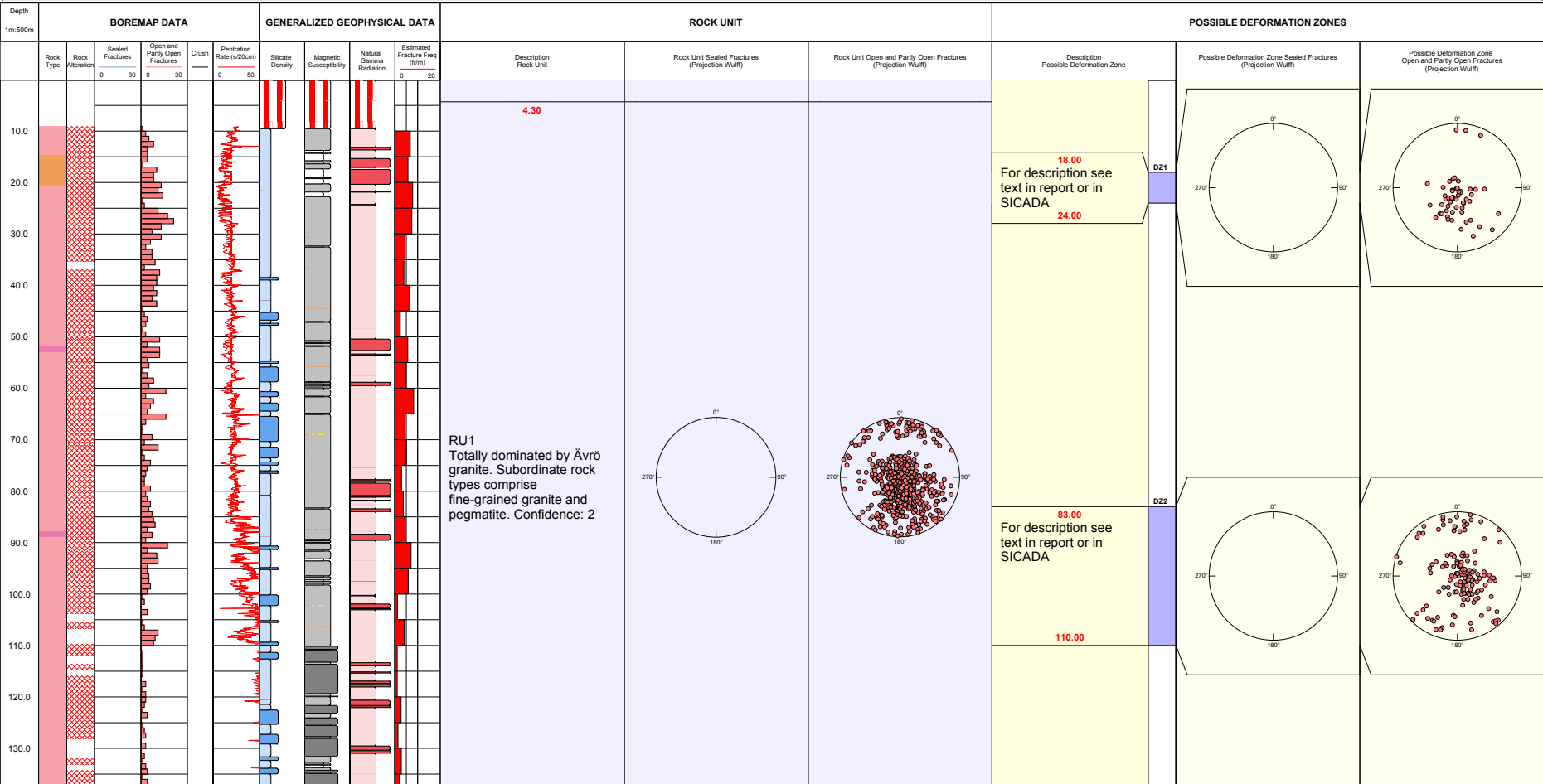


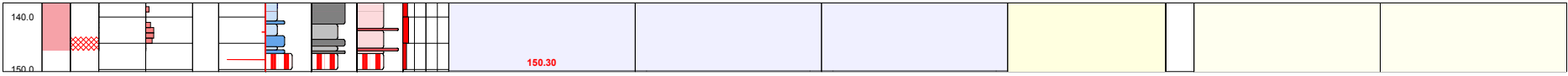




Title SINGLE HOLE INTERPRETATION HLX21		Site LAXEMAR		Inclination [°] -56.98	Elevation [m.a.s.l.] 10.31	Signed data
	Borehole HLX21	Date of mapping 2004-10-21 16:15:00	Drilling Start Date 2004-08-30 08:00:00			
	Diameter [mm] 138	Coordinate System RT90-RHB70	Drilling Stop Date 2004-09-02 09:00:00			
	Length [m] 150.300	Northing [m] 6366568.75	Surveying Date			
	Bearing [°] 185.54	Easting [m] 1549632.36	Plot Date 2007-10-15 22:03:14			

ROCKTYPE LAXEMAR	ROCK ALTERATION	SILICATE DENSITY	SUSCEPTIBILITET	NATURAL GAMMA
<ul style="list-style-type: none"> Fine-grained granite Pegmatite Ävrö granite 	<ul style="list-style-type: none"> Oxidized 	<ul style="list-style-type: none"> unclassified dens<2680 2680<dens<2730 	<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 10<gam<20 gam>30

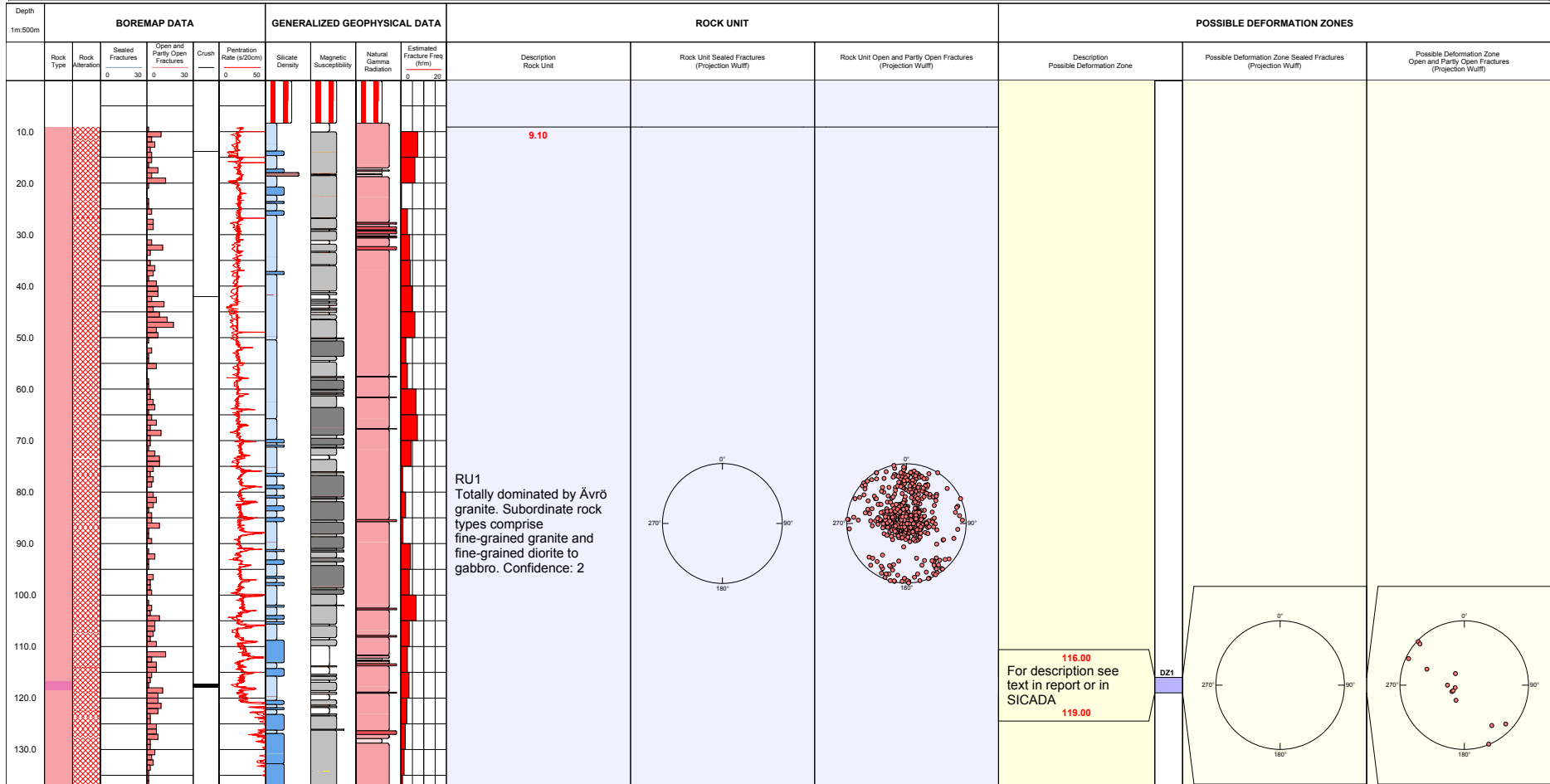


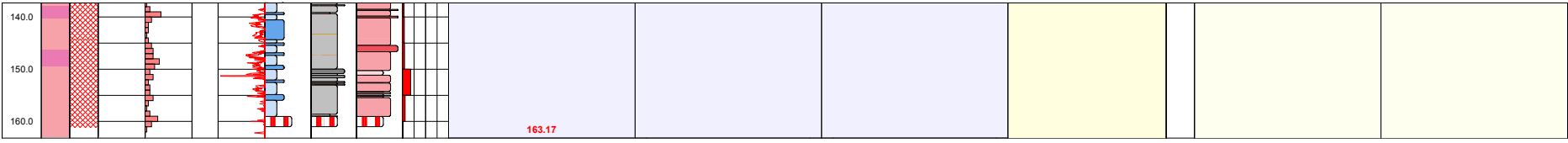


Title SINGLE HOLE INTERPRETATION HLX22

	Site	LAXEMAR	Inclination [°]	-59.43	Elevation [m.a.s.l.]	10.06	Signed data
	Borehole	HLX22	Date of mapping	2004-10-27 13:17:00	Drilling Start Date	2004-08-23 15:30:00	
	Diameter [mm]	138	Coordinate System	RT90-RHB70	Drilling Stop Date	2004-08-26 09:30:00	
	Length [m]	163.200	Northing [m]	6366487.83	Surveying Date		
	Bearing [°]	13.45	Easting [m]	1549661.54	Plot Date	2007-10-15 22:03:14	

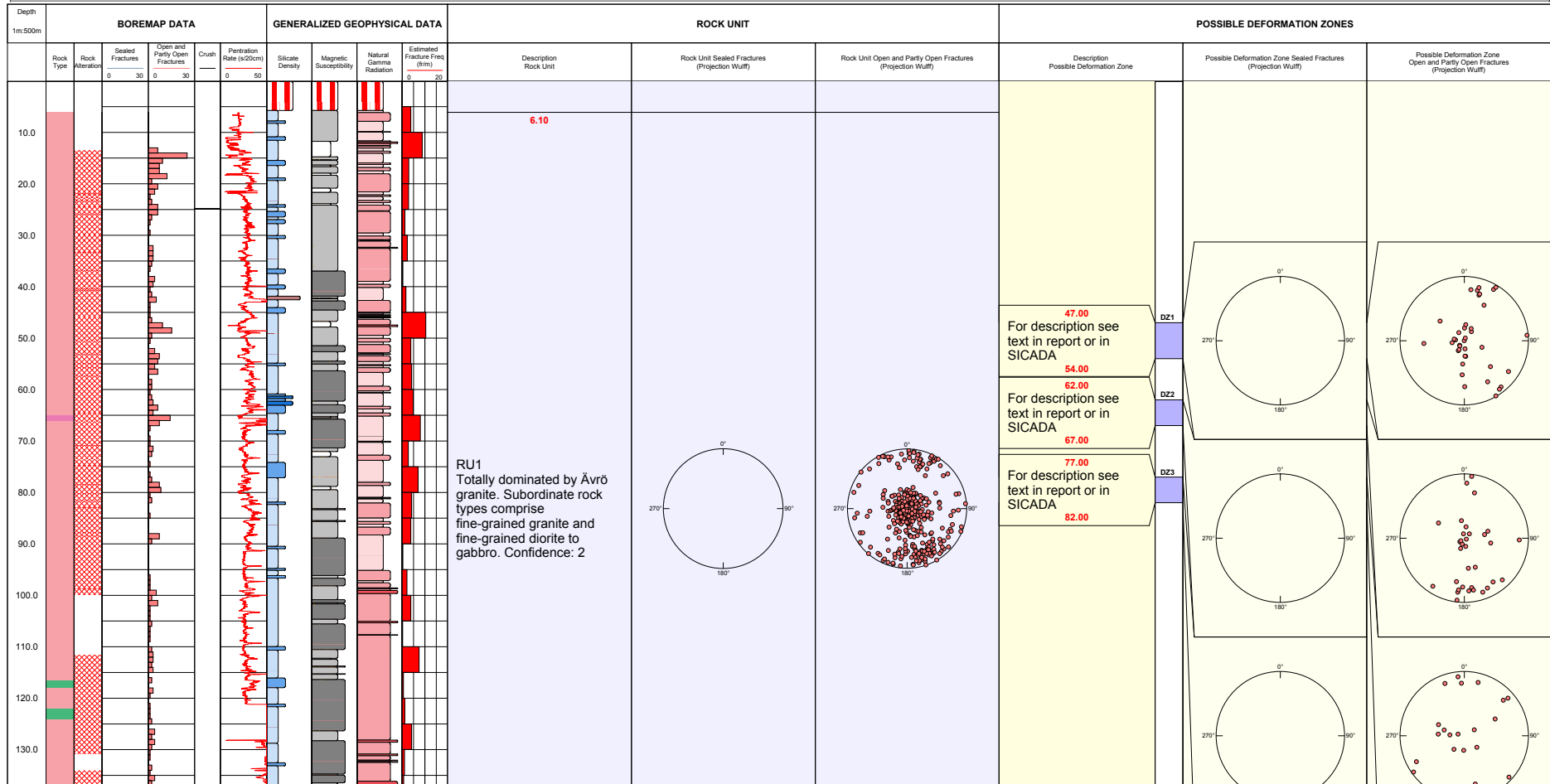
ROCKTYPE LAXEMAR	ROCK ALTERATION	SILICATE DENSITY	SUSCEPTIBILITET	NATURAL GAMMA
<ul style="list-style-type: none"> Fine-grained granite Åvrø granite 	<ul style="list-style-type: none"> Oxidized 	<ul style="list-style-type: none"> unclassified dens<2680 2680<dens<2730 2800<dens<2890 	<ul style="list-style-type: 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

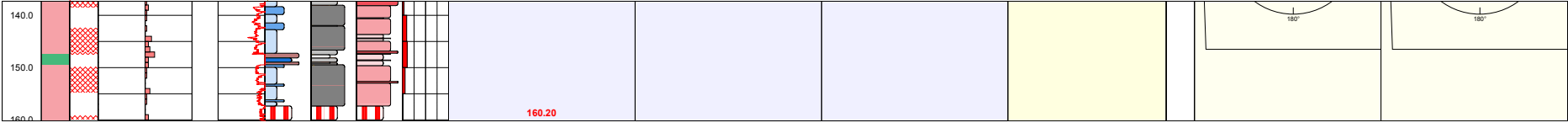





Title SINGLE HOLE INTERPRETATION HLX23		Site LAXEMAR		Inclination [°] -58.17	Elevation [m.a.s.l.] 14.69	Signed data
	Borehole HLX23	Date of mapping 2004-11-01 13:54:00	Drilling Start Date 2004-09-13 12:30:00	Drilling Stop Date 2004-09-16 10:00:00		
	Diameter [mm] 139	Coordinate System RT90-RHB70	Drilling Stop Date 2004-09-16 10:00:00			
	Length [m] 160.200	Northing [m] 6366578.01	Surveying Date			
	Bearing [°] 182.89	Easting [m] 1548888.67	Plot Date 2007-10-15 22:03:14			

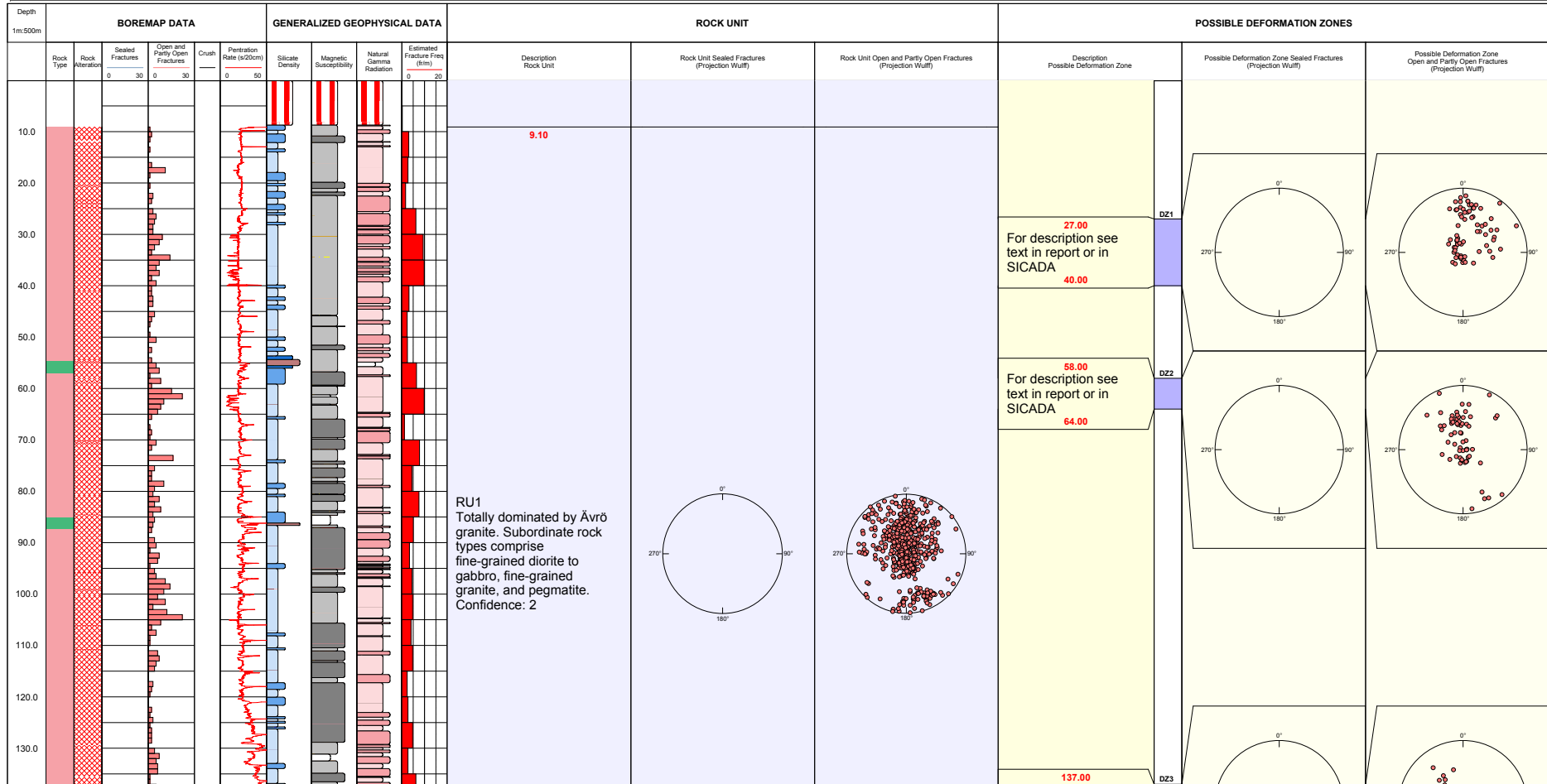
ROCKTYPE LAXEMAR	ROCK ALTERATION	SILICATE DENSITY	SUSCEPTIBILITET	NATURAL GAMMA
<ul style="list-style-type: none"> Fine-grained granite Ävrö granite Fine-grained diorite-gabbro 	<ul style="list-style-type: none"> Oxidized 	<ul style="list-style-type: none"> unclassified dens<2680 2680<dens<2730 2730<dens<2800 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 10<gam<20 20<gam<30 gam>30

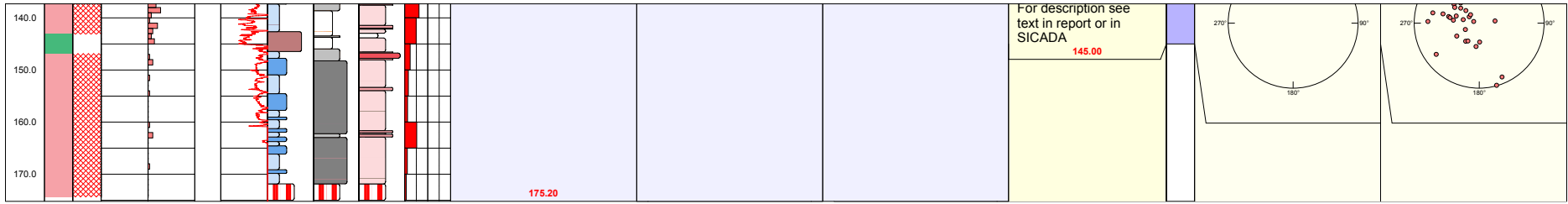


























Title SINGLE HOLE INTERPRETATION HLX24							
	Site	LAXEMAR	Inclination [°]	-58.38	Elevation [m.a.s.l.]	12.77	Signed data
	Borehole	HLX24	Date of mapping	2004-11-03 07:43:00	Drilling Start Date	2004-09-06 13:00:00	
	Diameter [mm]	139	Coordinate System	RT90-RHB70	Drilling Stop Date	2004-09-09 10:00:00	
	Length [m]	175.200	Northing [m]	6366503.72	Surveying Date		
	Bearing [°]	358.69	Easting [m]	1548865.89	Plot Date	2007-10-15 22:03:14	

ROCKTYPE LAXEMAR	ROCK ALTERATION	SILICATE DENSITY	SUSCEPTIBILITET	NATURAL GAMMA
<ul style="list-style-type: none"> Ävrö granite 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 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 HLX25							
	Site	LAXEMAR	Inclination [°]	-58.58	Elevation [m.a.s.l.]	20.66	Signed data
	Borehole	HLX25	Date of mapping	2004-10-14 17:43:00	Drilling Start Date	2004-08-17 00:00:00	
	Diameter [mm]	135	Coordinate System	RT90-RHB70	Drilling Stop Date	2004-08-19 00:00:00	
	Length [m]	202.500	Northing [m]	6366783.97	Surveying Date		
	Bearing [°]	17.94	Easting [m]	1547776.32	Plot Date	2007-10-15 22:03:14	

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

