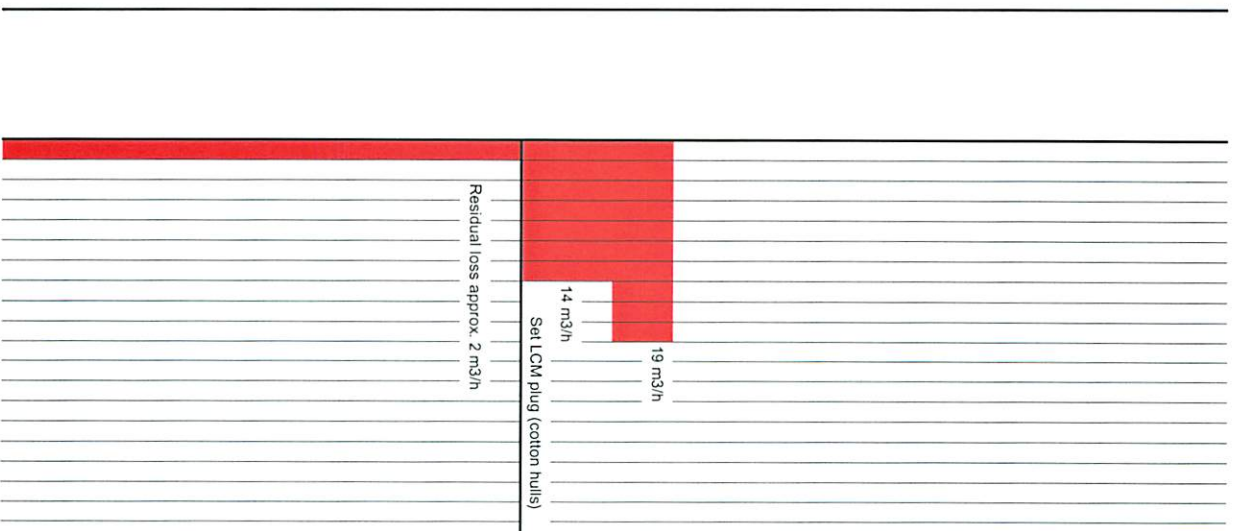


WELL MC-7 GEOLOGICAL SUMMARY

DEPTH (m)	LITHOLOGY	LITHOLOGICAL DESCRIPTION	ALTERATION MINERALS	EUHEDRAL CRYSTALS		DRLG. BREAKS	FLUID LOSSES (m ³ /h)	
				Ab	Type			
132							0	
135								
138								
141								
144								
147								
150								
153								
156								
159								
162								
165								
168								
171								
174								
177								
180								
183								
186								
189								
192								
195								
198								
201								
204								
207								
210								
213								
216								
219								
222								
225								
228								

831	X	X				
834	X	X				
837						
840	X					
843						
846	X	X				
849						
852						
855	X	X				
858						
861	X					
864						
867	L	L	L			
870	L	L	L			
873	L	L	L			
876	L	L	L			
879	L	L	L			
882	X	X				
885						
888	X	X				
891	L	L				
894						
897	L	L				
900	X	X				
903						
906	X					
909						
912	X	X				
915						
918	X					
921	X	X				
924						
927	X					
930	X	X				
933						
936	X					
939						
942	X	X				
945	X					
948						

The diagram illustrates the structure of a cell wall, showing layers of cellulose (r), hemicellulose (p), and pectin (Cc-Anh). The diagram is divided into three sections: 'Vacuolar structures' (left), 'Vacuolar structures' (middle), and 'Vacuolar structures' (right). The middle section shows a cross-section of the cell wall with layers labeled 'r' (cellulose), 'p' (hemicellulose), and 'Cc-Anh' (pectin). The right section shows a cross-section of the cell wall with layers labeled 'r' (cellulose), 'p' (hemicellulose), and 'Cc-Anh' (pectin).



[illegible]

1431					
1434					
1437					
1440					
1443					
1446		Massive light grey-white rock, mostly anhydrite. Rare relicts of tiny rounded qz clasts. Deeply altered rock and/or vein filling material?.	Anhydrite, Py, Qz,		
1449					
1452					
1455			Local increase in Qz and Py	Vacuolar structures	
1458			Rare Epidote		
1461		Biotite-Chlorite Gneiss		Vacuolar structures	
1464					
1467					
1470					
1473					
1476		Massive white to light grey-creamy rock, mostly anhydrite. Rare relicts of tiny rounded qz clasts and coarser clastic sediments. Deeply altered rock and/or vein filling material?.	Anhydrite, Py, Qz, Chl, rare Chalcopryrite Characteristic amber glassy mineral, soft, white streak (Sphalerite? Wulfenite?)		
1479					
1482					
1485					
1488					
1491					
1494					
1497					
1500					
1503					
1506					
1509		Same material, but with slight change to grey-pinkish color, with very fine dispersed reddish mineral (hematite?).	Start increasng Chlorite content		
1512					
1515					
1518					
1521					
1524					
1527					
1530					
1533		Same as above but with more evident clastic textures (deeply altered meta-sandstones)	Anhydrite, Py, Qz, Chl, Clays, Epidote? Abundant characteristic amber glassy mineral, soft, white streak (Sphalerite? Wulfenite?)	Vacuolar structures	
1536					
1539					
1542		Moderately altered dark grey, greenish, brownish, violet finely grained rock with apparent sedimentary texture (quartzite - phyllite?)	Anhydrite, Py, Qz, Chl, Abundant characteristic amber glassy mineral, soft, white streak (Sphalerite? Wulfenite?)	Vacuolar structures.	
1545					
1548		Abundant vein fillings (anhydrite)			

Local increase 3.7 m3/h (1445 m)

Residual loss approx. 2.5 m3/h

Local increase 4.5 m3/h (1456 m)

Residual loss approx. 3-3.5 m3/h

Residual loss approx. 2 m3/h

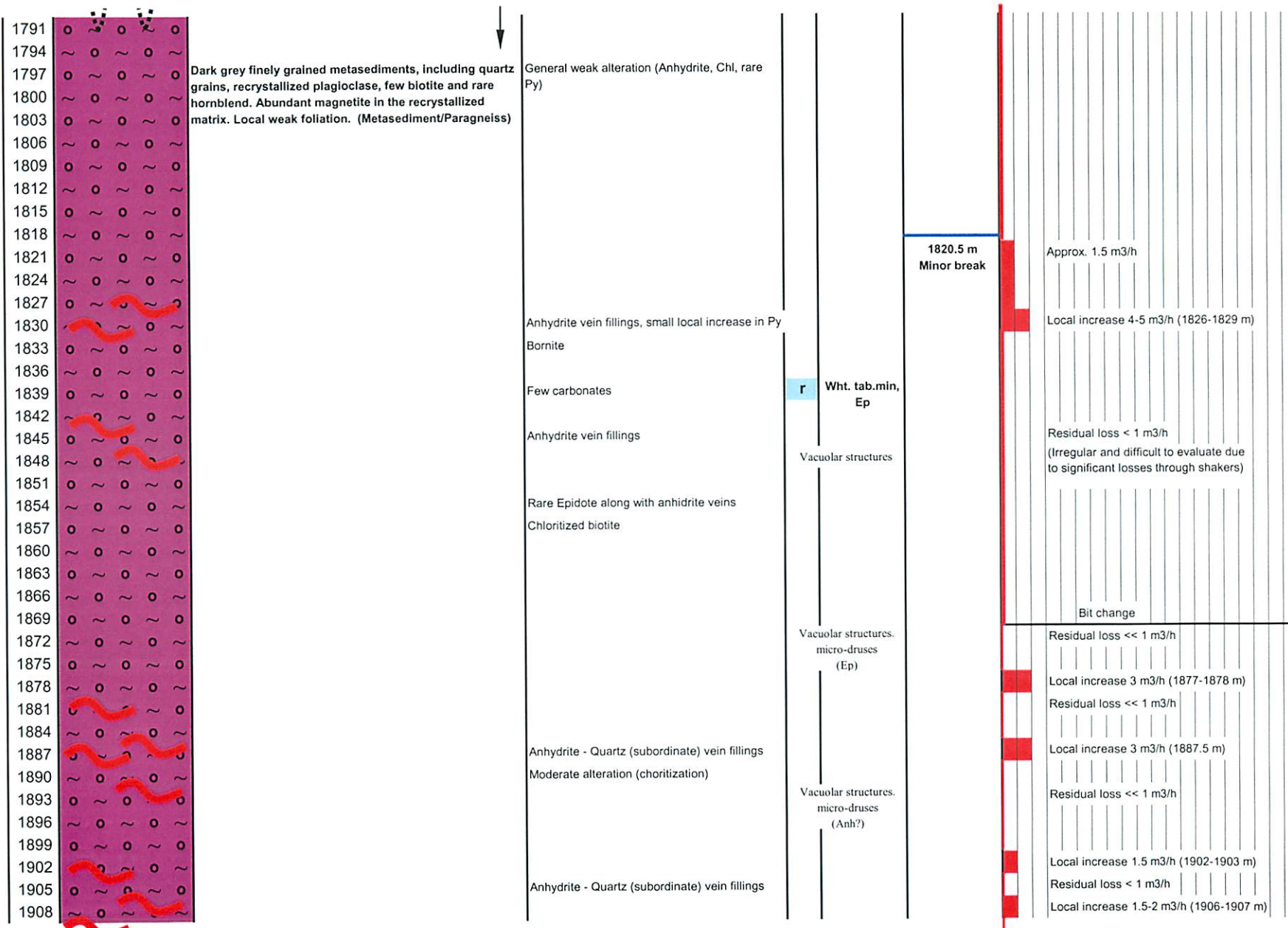
Local increase 5 m3/h (1481-82 m)

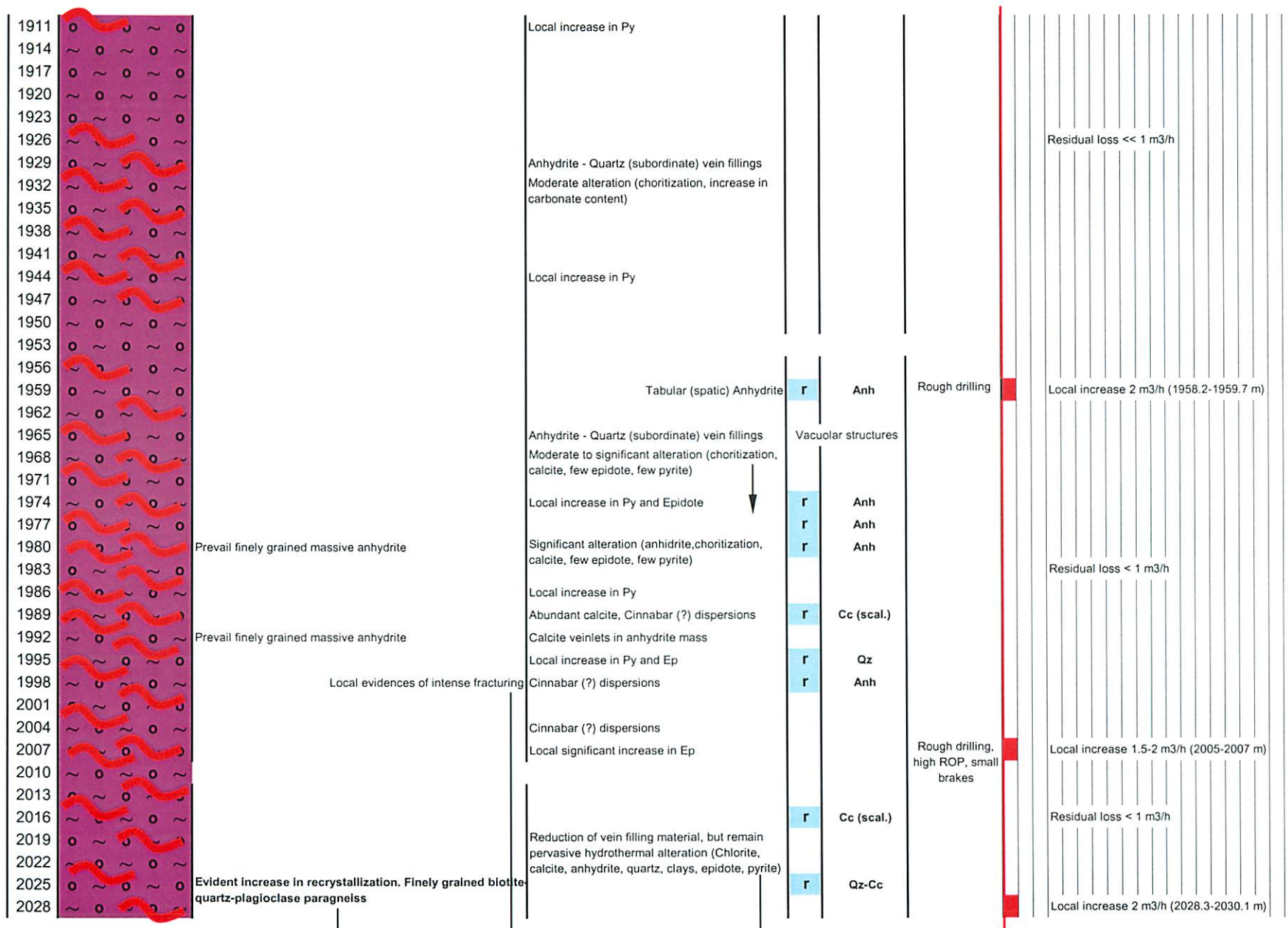
Residual loss approx. 2.5-3 m3/h

Residual loss approx. <= 1 m3/h

1551	- - -				micro-druses (Py)	
1554	λ λ λ	Grey greenish aphanitic lava?? (apparent tiny feldspar phenocrysts)				
1557	λ λ λ	Abundant vein fillings (anhydrite)				
1563	λ λ λ					
1566		Deeply altered massive light grey-white rock, mostly anhydrite. No relict textures of original lithology	Anhydrite, Py, rare Chalcopryite, Chl, Clays and Sericite. Abundant characteristic amber glassy mineral, soft, white streak (Sphalerite? Wulfenite?)			Bit change
1569						
1572						
1575						
1578						
1581						
1584						
1587						
1590			Epidote (?)		Vacuolar structures. micro-druses (Py, Silica?)	
1593						
1596						
1599					Vacuolar structures	
1602						
1605			Significant reduction of characteristic amber glassy mineral, soft, white streak (Sphalerite? Wulfenite?)			
1608			↓			
1611						
1614						
1617						
1620		Few suspect relict lava textures?				
1623						
1626					Vacuolar structures. micro-druses (Py, Silica?)	
1629						
1632			Tabular (spatic) Anhydrite	r	Anh	
1635						
1638			Increase Qz and carbonate			
1641			↓			
1644						
1647					Vacuolar structures. Dol? or Cc	
1650						
1653					Vacuolar structures	
1656						
1659	- - -	Same as above but heterogeneous in color and with locally evident clastic textures (deeply altered phyllite and meta-sandstones)	Anhydrite, Py, Chl, Calcite, Clays, ? few dark amber glassy mineral (Sphalerite?) rare Bornite	r	Cc (scal.)	
1662	- - -					
1665	o o o					
1668	o o o	Moderately altered grey-greenish (chloritic) to dark	Anhydrite, Py, Chl, few dark amber glassy mineral (Sphalerite?) disappearing with depth		Vacuolar structures. micro-druses	
						1639.5 m Minor break
						Approx. 2-3 m3/h
						Residual loss < 1 m3/h

1671	- - - - -	metasediments. (heterogeneous sandstones, dark quartzites, subordinate phyllite?)				Local increase 3-4 m3/h (1669.7-1674 m)	
1674	o - - - -						
1677	o - o - o						
1680	~ ~ ~ ~ ~						
1683	o - - - -						
1686	o - - - -		Rare Epidote			Residual loss approx. 2 m3/h	
1689	- o - o -						
1692	o - o - o						
1695	- - -	Deeply altered metasediments (medium grained heterogeneous locally chloritic/foliated metasandstone) associates with abundant anhydrite vein fillings.	Rare Epidote				Residual loss approx. 1 m3/h
1698	- - -						
1701	o - o - o						
1704	- - -		Epidote				
1707	- - -						
1710	o - o - o						
1713	o - o - o	Dark, brown -grey metasediments, poorly altered, locally associated with anhydrite veins. (greywakes). Local presence of chloritized biotite.	Anhydrite, Chl, Sericite, few Py, few carbonates, rare Qz			Residual loss < 1 m3/h	
1716	~ ~ ~ ~ ~						
1719	o - - - -		Rare Epidote				
1722	o - o - o						
1725	~ ~ ~ ~ ~						
1728	o - o - o						
1731	- o - o -		Rare Epidote				
1734	o - o - o						
1737	o - o - o		White lamellar/prismatic mineral? (well-formed)				
1740	- o - o -					Bit change	
1743	~ ~ ~ ~ ~						
1746	- o - o -						
1749	- o - o -						
1752	- o - o -		Rare Epidote				
1755	o - o - o						
1758	- o - o -		Increase Quartz veinlets				
1761	- o - o -			Vacuolar structures			
1764	o - o - o		Rare Epidote				
1767	- o - o -					Residual loss < 1 m3/h	
1770	o - o - o						
1773	o - o - o			Vacuolar structures			
1776	~ ~ ~ ~ ~						
1779	o - o - o	Progressive increase of recrystallization of the sedimentary matrix and clasts (Plagioclase, Magnetite).					
1782	o - o - o						
1785	~ ~ ~ ~ ~						
1788	~ ~ ~ ~ ~						





[illegible]

[illegible]