

	Site	N.	Sample	Base glass	Colourant	Opacifier
Red	Khirbat al-Mafjar (KH)	1	R1	Egypt I	Cu nano-particles	Cu nano-particles
	Great Mosque of Damascus (DMS)	0				
	Dome of the Rock (DR)	2	R1	Apollonia-type	Cu nano-particles	Cu nano-particles
			R2	Foy-2	Cu nano-particles	Cu nano-particles
Yellow	Khirbat al-Mafjar (KH)	2	G2	Apollonia-type	Lead Tin Yellow II	Lead Tin Yellow II
			G/V3	Egypt I	Lead Tin Yellow II	Lead Tin Yellow II
	Great Mosque of Damascus (DMS)	5	2Ba	Apollonia-type	Lead Tin Yellow II	Lead Tin Yellow II
			2Bb	Egypt I	Lead Tin Yellow II	Lead Tin Yellow II
			7G	Foy-2	Lead Tin Yellow II	Lead Tin Yellow II
			9I	Apollonia-type	Lead Tin Yellow II	Lead Tin Yellow II
			14O	Apollonia-type	Iron (?)	Ca-Si-based
	Dome of the Rock (DR)	2	GY1	Foy-2	Lead Tin Yellow II	Lead Tin Yellow II
			GY2	Egypt I	Lead Tin Yellow II	Lead Tin Yellow II
Green	Khirbat al-Mafjar (KH)	6	Vsr4	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			V5	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			A6	Egypt I	Copper	Calcium Phosphate
			Vc8	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			Vc9	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			Ga10	Egypt I	Iron (?)	Calcium Phosphate
	Great Mosque of Damascus (DMS)	10	1Aa	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			1Ab	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			3C	Apollonia-type	Lead Tin Yellow II + copper	Lead Tin Yellow II
			5Ea	Apollonia-type	Copper	Calcium Phosphate
			5Eb	Apollonia-type	Copper	Cassiterite
			11M	Apollonia-type	Lead Antimonate + copper	Lead Antimonate
			13Nv	Apollonia-type	Iron	Ca-Si-based
			16Qa	Apollonia-type	Copper	Calcium Phosphate
			17R	Egypt I	Copper	Cassiterite
			20U	Egypt I	Copper	Cassiterite
	Dome of the Rock (DR)	8	A1	Apollonia-type	Copper	Cassiterite
			G2	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			G3	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			G4	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			G5	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			G6	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			G7	Egypt I	Lead Tin Yellow II + copper	Lead Tin Yellow II
			GR1	Egypt I	CuO	Calcium Phosphate
Blue	Khirbat al-Mafjar (KH)	2	A7	Apollonia-type	Copper	Calcium Phosphate
			A7bis	Apollonia-type	Copper	Calcium Phosphate
	Great Mosque of Damascus (DMS)	1	10L	Egypt I	Copper	Cassiterite
	Dome of the Rock (DR)	6	B1	Foy-2	Copper	Cassiterite
			LB1	Egypt I	Copper	Calcium Phosphate
			T1	Foy-2	Copper	Calcium Phosphate
			T2	Apollonia-type	Copper	Calcium Phosphate
			T3	Apollonia-type	Copper	Calcium Phosphate
			T4	Apollonia-type	Copper	Calcium Phosphate
Black	Khirbat al-Mafjar (KH)	0				
	Great Mosque of Damascus (DMS)	1	13Ngr	Foy-2	Cu nano-particles	Cu nano-particles
	Dome of the Rock (DR)	5	BK1	Outlier	Cu nano-particles	Cu nano-particles
			BK2	Apollonia-type	Cu nano-particles	Cu nano-particles
			BK3	Egypt I	Cu nano-particles	Cu nano-particles
			BK4	Egypt I	Cu nano-particles	Cu nano-particles
			BK5	Egypt I	Cu nano-particles	Cu nano-particles

Table S5a: Summary of data on base glass, colourants and opacifiers acquired on all opaque coloured tesserae from this study.

	Site	N.	Sample	Base glass	Colourant/Decolourant
Yellow	Khirbat al-Mafjar (KH)	4	Am/Au11	Beth Eli'ezer-type	Manganese
			Am12	Outlier	Iron
			G/V13	Apollonia-type	Iron
			Am14	Apollonia-type	Manganese
	Great Mosque of Damascus (DMS)	3	6Fs	Apollonia-type	Manganese
			18S	Foy-2	Manganese
			19T	Apollonia-type	Manganese
	Dome of the Rock (DR)	7	Am1_Au	Foy-2	Manganese
			Am2_Au	Foy-2	Manganese
			Am3_Au	Foy-2	Manganese
			Am4_Ag	Foy-2	Manganese
			Am5_Ag	Foy-2	Manganese
Am6_Au				Manganese	
Y1_Au			Foy-2	Manganese	
Green	Khirbat al-Mafjar (KH)	0			
	Great Mosque of Damascus (DMS)	1	8H	Apollonia-type	Copper
	Dome of the Rock (DR)	1	G1_Au	Outlier	Copper
Blue	Khirbat al-Mafjar (KH)	1	A15	Outlier	Iron
	Great Mosque of Damascus (DMS)	1	4D	Foy-2	Cobalt
	Dome of the Rock (DR)				
Transparent	Khirbat al-Mafjar (KH)	0			
	Great Mosque of Damascus (DMS)	2	6Fc	Apollonia-type	Mn-decoloured
			15P	Foy-2	Mn-decoloured
	Dome of the Rock (DR)				

Table S5b: Summary of data on base glass and colourants/decolourants acquired on all translucent and transparent tesserae from this study.