

Sample label	Sample type	Coordinates	Sample preservation	Lithofacies	Calcareous Nannofossils (Marker species)	Countings	Stratigraphic range
SS 1	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 2	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 3	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 4	Single sample	42°03'58"N / 12°01'05"E	Moderate	Clayey matrix (Olistostrome)	<i>Reticulofenestra umbilicus</i>	Marker specie (0.5%), long- range taxa (3,5%), and Reworking (96%)	LO: Base CNO 3 / 32,02 Ma (Blaj et al., 2009) FCO: Base CNE 13 / 43,06 Ma (Agnini et al., 2014)
SS 5	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 6	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 7	Single sample	42°03'58"N / 12°01'05"E	Poor	Clayey matrix (Olistostrome)	<i>Dictyococcites bisectus</i>	No	LO: Base NN 1 / 22,82 Ma (Young, 1998) FO: Base CNE 15 / 40,34 Ma (Agnini et al., 2014)
SS 8	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 9	Single sample	42°03'58"N / 12°01'05"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 10	Single sample	42°03'58"N / 12°01'05"E	Poor	Clayey matrix (Olistostrome)	<i>Dictyococcites bisectus</i>	No	LO: Base NN 1 / 22,82 Ma (Young, 1998) FO: Base CNE 15 / 40,34 Ma (Agnini et al., 2014)
SS 11	Single sample	42°01'54"N / 12°01'25"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 12	Single sample	42°01'54"N / 12°01'25"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 13	Single sample	42°01'54"N / 12°01'25"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 14	Single sample	42°01'41"N / 12°01'07"E	Moderate	Clayey matrix (Olistostrome)	<i>Dictyococcites bisectus</i>	Marker specie (0.7%), long- range taxa (5,3%), and Reworking (94%)	LO: Top MNP 17a / 38,25 Ma (Fornaciari et al., 2010) FO: Base MNP 17a / 39,63 Ma (Fornaciari et al., 2010)
SS 15	Single sample	42°01'54"N / 12°00'52"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 16	Single sample	42°01'54"N / 12°00'52"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 17	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 18	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 19	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 20	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 21	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 22	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 23	Single sample	42°03'10"N / 12°00'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 24	Single sample	42°03'49"N / 12°01'08"E	Poor	Clayey matrix (Olistostrome)	<i>Reticulofenestra umbilicus</i>	No	LO: Base CNO 3 / 32,02 Ma (Blaj et al., 2009) FCO: Base CNE 13 / 43,06 Ma (Agnini et al., 2014)
SS 25	Single sample	42°03'54"N / 12°01'06"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 26	Single sample	42°03'57"N / 12°01'07"E	Poor	Clayey matrix (Olistostrome)	<i>Dictyococcites bisectus</i>	No	LO: Base NN 1 / 22,82 Ma (Young, 1998) FO: Base CNE 15 / 40,34 Ma (Agnini et al., 2014)
SS 27	Single sample	42°03'56"N / 12°01'06"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 28	Single sample	42°03'58"N / 12°01'05"E	Poor	Clayey matrix (Olistostrome)	<i>Sphenolithus radians</i>	No	LO: within NP 23 / 29,62 Ma (Bown & Dunkley Jones, 2012) FO: Base CNE 3 / 53,53 Ma (Agnini et al., 2007)
SS 29	Single sample	42°04'02"N / 12°01'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 30	Single sample	42°04'02"N / 12°01'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 31	Single sample	42°04'02"N / 12°01'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 32	Single sample	42°04'02"N / 12°01'09"E	Barren	Clayey matrix (Olistostrome)	No identified	No	No identified
SS 33	Single sample	42°03'53"N / 12°00'22"E	Moderate	Clayey matrix (Olistostrome)	<i>Reticulofenestra umbilicus</i>	Marker specie (3%), long- range taxa (6%), and Reworking (91%)	LO: Base CNO 3 / 32,02 Ma (Blaj et al., 2009) FCO: Base CNE 13 / 43,06 Ma (Agnini et al., 2014)
SS 34	Stratigraphic section	42°03'50"N / 12°03'08"E	Good	Marls (Olistolith)	<i>Micula prinsii</i>	No	LO: < 66 Ma (Burnett, 1998) FO: UC 20d / 66,39 Ma (Thibault et al., 2012)
SS 35			Good			No	
SS 36			Good			No	
SS 37			Good			No	
SS 38			Good			No	
SS 39			Good			No	
SS 40			Good			No	
SS 41			Good			No	