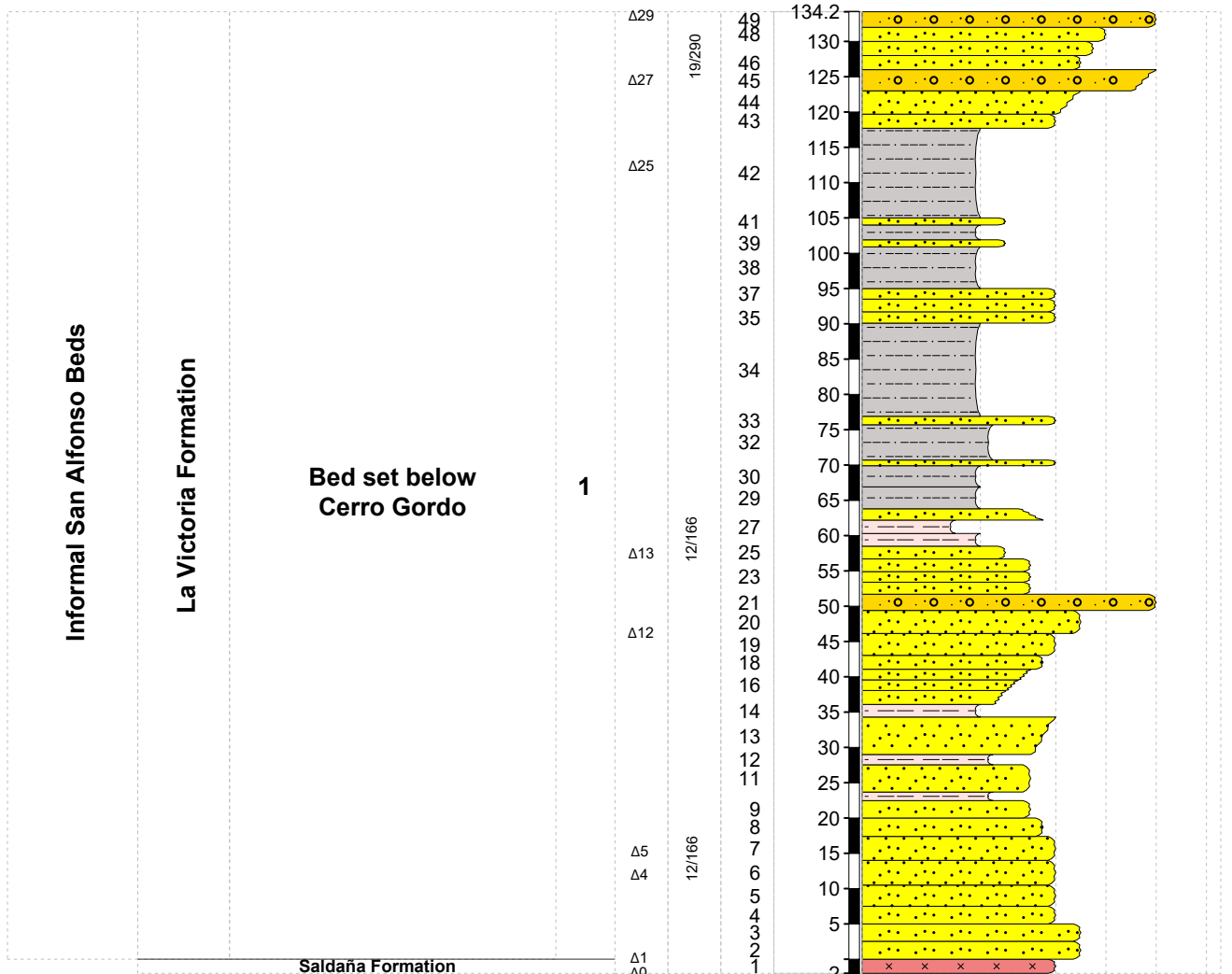







LV 1 section

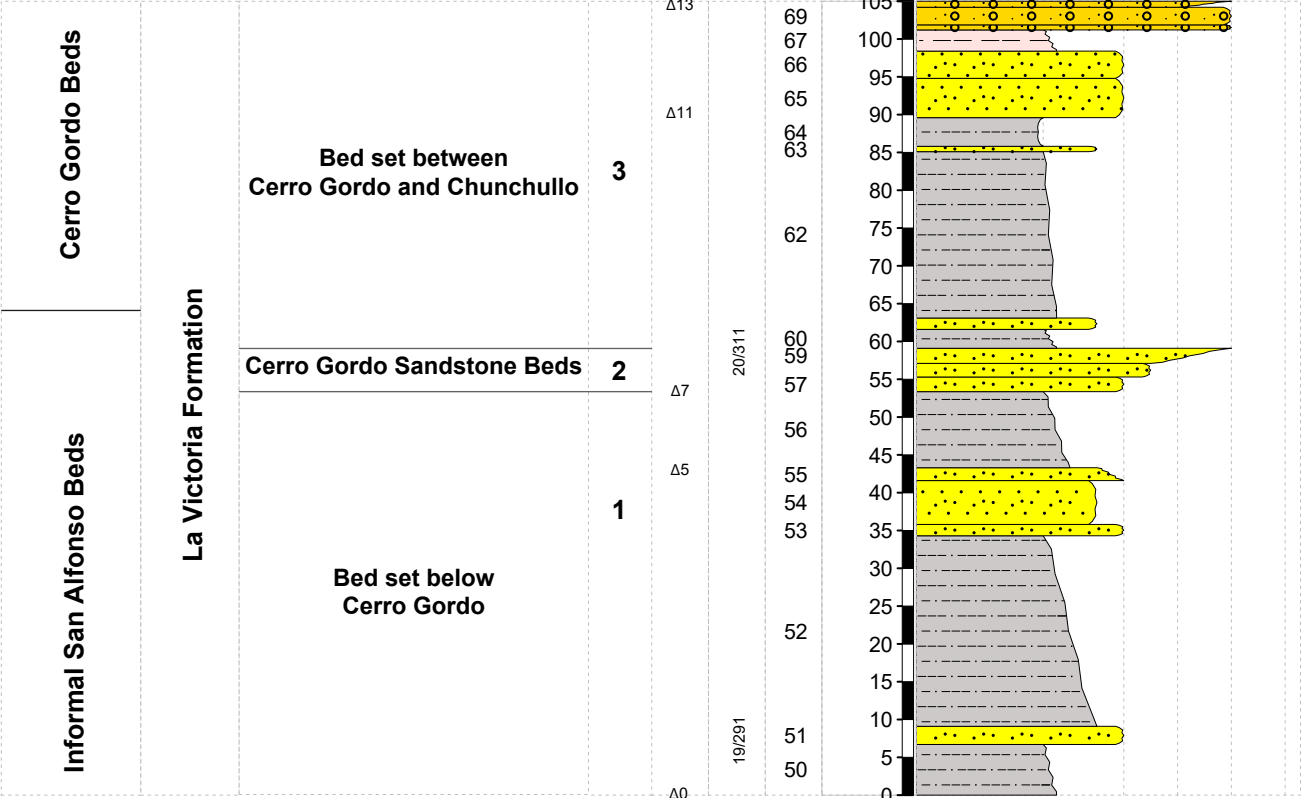
Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg				
		Name of stratigraphic level	StL (number)					f m c vc f m c				f m c				
								Mdst	Wkst	Pkst	Grst	Bdst	Crys			
								Mudstone		Sandstone		Conglom				
								0.004	0.062	0.125	0.25	0.5	1	2	4	64
								clay	silt	vf	f	m	cvc	gr	pec	ob



<p>Stratigraphic section</p> <p>Name: LV 1</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div>  claystone </div> <div>  mudstone </div> <div>  sandstone </div> <div>  conglomerate </div> <div>  tuff </div>
<p>Location</p> <p>Latitude: 3.39307</p> <p>Longitude: -75.14735</p> <p>Elevation: 416</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p>

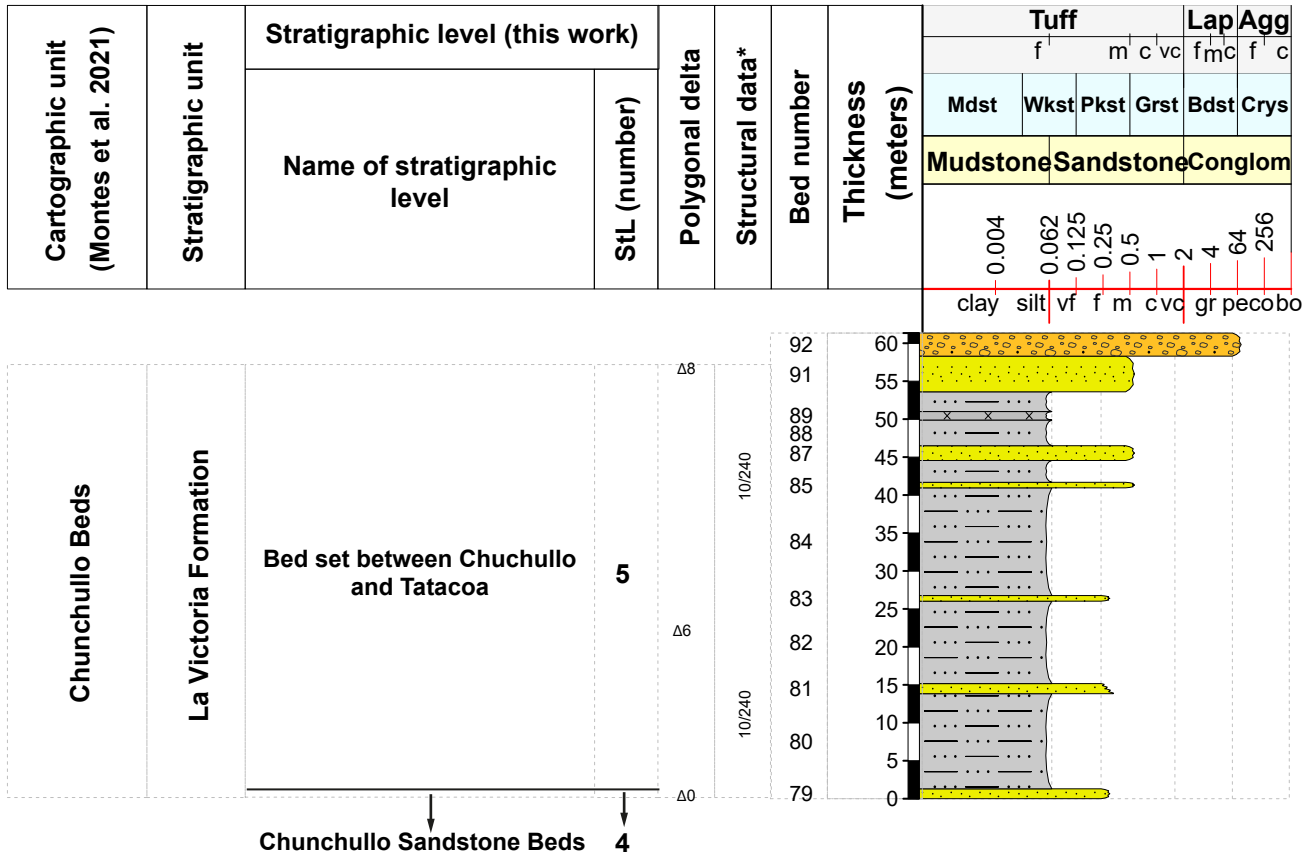
LV 2 section





Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg				
		Name of stratigraphic level	StL (number)					f m c vc				f m c				
								Mdst	Wkst	Pkst	Grst	Bdst	Crys			
								Mudstone		Sandstone		Conglom				
								0.004	0.062	0.125	0.25	0.5	1	2	4	64
								clay	silt	vf	f	m	cvc	gr	pec	ob



<p>Stratigraphic section</p> <p>Name: LV 2</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div data-bbox="718 1759 790 1796"> </div> <p>claystone</p> <div data-bbox="718 1813 790 1850"> </div> <p>mudstone</p> <div data-bbox="718 1865 790 1902"> </div> <p>sandstone</p> <div data-bbox="718 1919 790 1956"> </div> <p>conglomerate</p>
<p>Location</p> <p>Latitude: 3.31957976</p> <p>Longitude: -75.1491999</p> <p>Elevation: 434</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p>

LV 4 section





Stratigraphic section		LEGEND	
Name: LV 4		Dominant lithology	
Units: meters			mudstone
Location Latitude: 3.26276431 Longitude: -75.0981076 Elevation: 476 Country: Colombia			sandstone
			conglomerate
			ash
Authors		*Structural data reported with notation: dip / dip direction	
This work			

LV 5 section

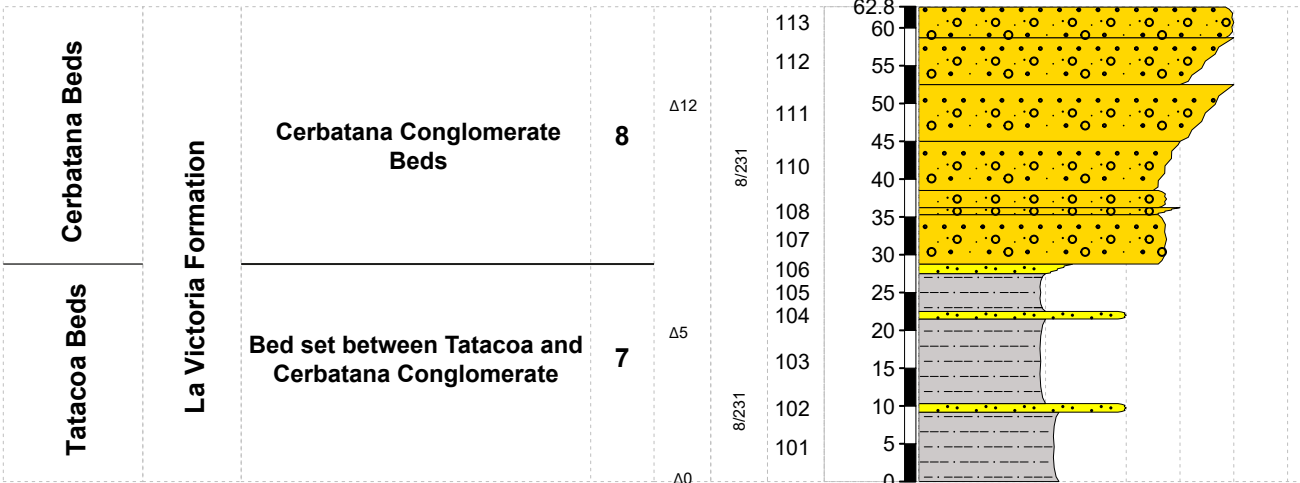
Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg				
		Name of stratigraphic level	StL (number)					f m c vc f _{mc} f' c								
								Mdst	Wkst	Pkst	Grst	Bdst	Crys			
								Mudstone		Sandstone		Conglom				
								0.004	0.062	0.125	0.25	0.5	1	2	4	64
								clay	silt	vf	f	m	cvc	gr	pec	ob




Tatacoa Beds	La Victoria Formation	Bed set between Tatacoa and Cerbatana Conglomerate	7	
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<p>Stratigraphic section</p> <p>Name: LV 5</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div data-bbox="706 1191 779 1234">  </div> <p>mudstone</p> <div data-bbox="706 1247 779 1290">  </div> <p>sandstone</p>
<p>Location</p> <p>Latitude: 3.23435467</p> <p>Longitude: -75.1246063</p> <p>Elevation: 501</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p>

LV 6 section

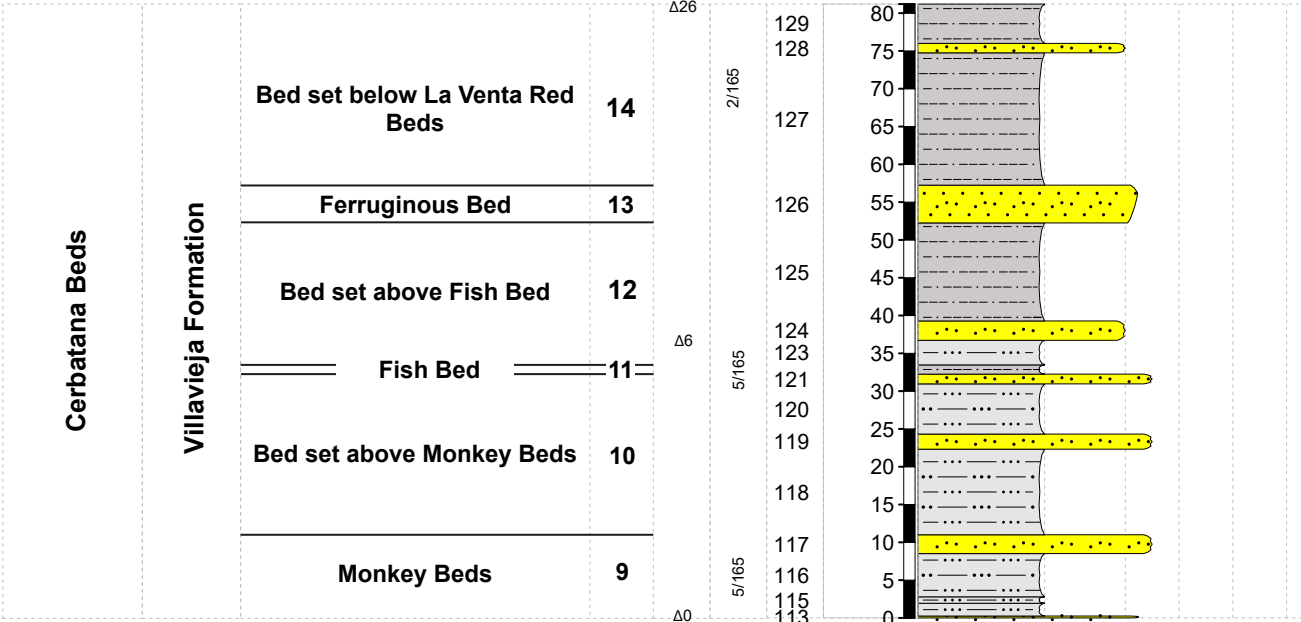
Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg		
		Name of stratigraphic level	StL (number)					f m c vc				f mc f c		
								Mdst	Wkst	Pkst	Grst	Bdst	Crys	
								Mudstone		Sandstone		Conglom		
								0.004	0.062	0.125	0.25	0.5	1	2
							clay	silt	vf	f	m	cvc	gr	pecob






<p>Stratigraphic section</p> <p>Name: LV6</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div data-bbox="791 1446 862 1486">  </div> <p>mudstone</p> <div data-bbox="791 1499 862 1539">  </div> <p>sandstone</p> <div data-bbox="791 1551 862 1591">  </div> <p>conglomerate</p>
<p>Location</p> <p>Latitude: 3.229598498</p> <p>Longitude: -75.1298438</p> <p>Elevation: 485</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p>

Vv 1 section

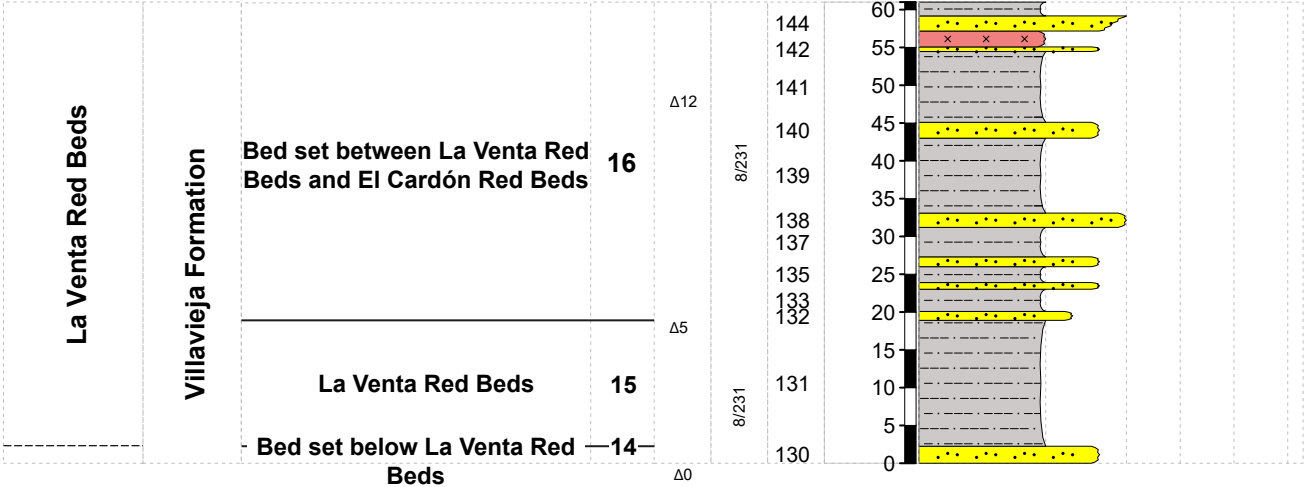
Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap			Agg			
		Name of stratigraphic level	StL (number)					f m c vc f mc f c										
								Mdst	Wkst	Pkst	Grst	Bdst	Crys					
								Mudstone		Sandstone		Conglom						
								0.004	0.062	0.125	0.25	0.5	1	2	4	64	256	
								clay	silt	vf	f	m	cv	q	gr	pe	co	bo






Stratigraphic section	LEGEND
Name: Vv 1	Dominant lithology
Units: meters	<div><div></div> mudstone</div>
	<div><div></div> siltstone</div>
	<div><div></div> sandstone</div>
Location	
Latitude: 3.25190722	
Longitude: -75.1596548	
Elevation: 420	
Country: Colombia	
Authors	
This work	
	<p>*Structural data reported with notation: dip / dip direction</p>

Vv 2 section

Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap	Agg			
		Name of stratigraphic level	StL (number)					f	m	c	vc	f	mc	f	c	
								Mdst	Wkst	Pkst	Grst	Bdst	Crys			
								Mudstone		Sandstone		Conglom				
								0.004	0.062	0.125	0.25	0.5	1	2	4	64
								clay	silt	vf	f	m	cvc	gr	pec	ob






Stratigraphic section		LEGEND	
Name: Vv 2 Units: meters		Dominant lithology	
Location Latitude: 3.23695924 Longitude: -75.1547973 Elevation: 443 Country: Colombia			mudstone
			sandstone
			tuff
Authors This work			
		*Structural data reported with notation: dip / dip direction	

Vv 3 section




Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				LapAgg					
		Name of stratigraphic level	StL (number)					f m c vc f m c				f m c					
								Mdst	Wkst	Pkst	Grst	Bdst	Crys				
								Mudstone		Sandstone		Conglom					
								0.004	0.062	0.125	0.25	0.5	1	2	4	64	256
								clay	silt	vf	f	m	cvc	gr	pec	obo	

La Venta Red Beds	Villavieja Formation	Bed set between La Venta Red Beds and El Cardón Red Beds	16	
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<p>Stratigraphic section</p> <p>Name: Vv 3</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div>  mudstone </div> <div>  siltstone </div> <div>  sandstone </div>
<p>Location</p> <p>Latitude: 3.23695924</p> <p>Longitude: -75.1547973</p> <p>Elevation: 443</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p>

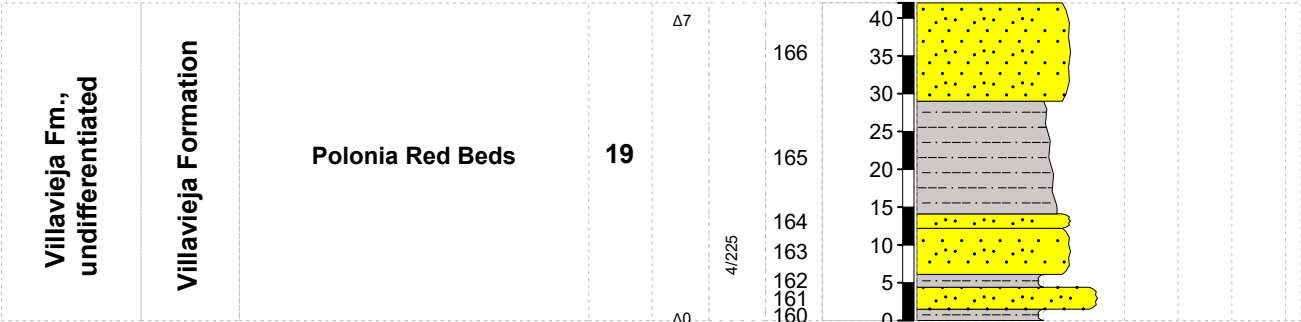
Vv 4 section



Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg						
		Name of stratigraphic level	StL (number)					f m c vc				f m c						
								Mdst	Wkst	Pkst	Grst	Bdst	Crys					
								Mudstone		Sandstone		Conglom						
								0.004	0.062	0.125	0.25	0.5	1	2	4	64	256	
								clay	silt	vf	f	m	c	vc	gr	pec	obo	
El Cardón Red Beds	Villavieja Formation	El Cardón Red Beds	17	Δ1 Δ0	5/210	175 172 170 160	9.7 5 0											

Stratigraphic section		LEGEND	
Name: Vv 4 Units: meters		Dominant lithology	
Location Latitude: 3.23695924 Longitude: -75.1547973 Elevation: 443 Country: Colombia			mudstone
Authors This work			siltstone
			sandstone
		*Structural data reported with notation: dip / dip direction	

Vv 5 section

Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg					
		Name of stratigraphic level	StL (number)					f	m	c	vc	f	mc	f	c		
								Mdst	Wkst	Pkst	Grst	Bdst	Crys				
								Mudstone		Sandstone		Conglom					
								0.004	0.062	0.125	0.25	0.5	1	2	4	64	256
																clay	silt





Stratigraphic section	LEGEND
Name: Vv 5	Dominant lithology
Units: meters	 mudstone
	 sandstone
Location	
Latitude: 3.23406709	
Longitude: -75.1676572	
Elevation: 448	
Country: Colombia	
Authors	
This work	
	*Structural data reported with notation: dip / dip direction

Vv 6 section

Cartographic unit (Montes et al. 2021)	Stratigraphic unit	Stratigraphic level (this work)		Polygonal delta	Structural data*	Bed number	Thickness (meters)	Tuff				Lap Agg			
		Name of stratigraphic level	StL (number)					f m c vc				f m c			
								Mdst	Wkst	Pkst	Grst	Bdst	Crys		
								Mudstone		Sandstone		Conglom			
								0.004	0.062	0.125	0.25	0.5	1	2	4
							clay	silt	vf	f	m	cvc	gr	pe	cob

[illegible]

<p>Stratigraphic section</p> <p>Name: Vv 6</p> <p>Units: meters</p>	<p>LEGEND</p> <p>Dominant lithology</p> <div>  sandstone </div> <div>  conglomerate </div>
<p>Location</p> <p>Latitude: 3.15754</p> <p>Longitude: -75.05787</p> <p>Elevation: 624</p> <p>Country: Colombia</p>	
<p>Authors</p> <p>This work</p>	<p>*Structural data reported with notation: dip / dip direction</p> <p>** The Montes' et al. (2021) cartography does not cover the area where we measured the stratigraphic section</p>