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TABLE 1. SITE-MEAN CHARACTERISTIC MAGNETIZATION PARAMETERS FOR LA PALCA

Site	Level (m)	N/N ₀	k	α_{95} (°)	In situ		Corrected			
					I (°)	D (°)	I'	D'	VGP	
							(°)	(°)	(°N)	(°E)
EM010	61.5	2/3	*	*	48.8	187.9	48.6	228.6	-45.0	226.9
†EM013	68.3	3/3	207.9	8.6	42.6	164.0	47.4	205.3	-65.3	230.4
†EM016	90.7	3/3	207.9	8.6	38.2	181.4	45.2	217.7	-54.7	223.1
†EM018	103.5	3/3	455.4	5.8	41.8	176.6	42.7	210.9	-61.0	220.2
†EM031	188.9	3/3	224.1	8.3	-36.4	358.1	-46.8	26.1	64.7	48.7
EM032	197.8	3/3	9.29	43.0	4.3	168.2	22.7	174.5	-80.6	78.6
†EM033	204.8	3/3	216.5	8.4	34.9	179.5	46.0	206.2	-64.8	227.2
†EM035	215.7	3/3	114.3	11.6	-23.6	17.1	-21.8	29.9	60.1	12.7
EM037	232.0	2/3	*	*	-1.0	253.1	-15.4	249.2	-16.6	189.3
EM039	245.0	2/2	*	*	31.5	194.7	38.9	216.7	-55.7	214.8
†EM040	251.2	3/3	58.6	16.3	-27.0	15.0	-35.2	33.6	58.4	29.7
EM043	280.2	3/3	*	*	-33.6	8.4	-46.0	29.9	61.6	45.8
EM046	313.9	2/3	*	*	31.6	201.7	32.3	226.5	-46.0	209.5
†EM047	324.2	2/3	125.1	11.1	-16.4	19.4	-22.4	33.2	57.1	15.3
†EM048	331.0	3/3	439.0	5.9	42.3	183.5	51.6	210.4	-60.0	235.3
†EM049	337.8	3/3	202.1	8.7	-39.8	3.4	-49.6	27.9	62.5	53.1
†EM050	342.7	3/3	226.1	8.2	37.3	188.4	45.4	210.7	-60.9	224.6
†EM051	350.7	3/3	2671.5	2.4	29.9	185.2	36.8	204.2	-67.3	210.8
EM053	370.5	2/3	*	*	-36.8	5.1	-47.7	36.9	55.2	46.8
†EM054	375.7	3/3	116.7	11.5	37.4	179.1	51.6	212.5	-58.3	234.4

EM055	390.0	2/3	*	*	20.5	203.4	25.0	218.5	-52.6	200.3
†EM056	415.0	3/3	246.3	7.9	37.0	194.8	42.3	224.8	-48.3	219.4
†EM057	421.2	3/3	2221.0	2.6	38.9	181.8	51.0	216.5	-55.1	232.0
†EM058	427.5	3/3	905.2	4.1	27.7	187.5	39.7	210.4	-61.6	215.6
†EM060	451.6	3/3	129.5	10.9	34.4	199.7	35.3	223.5	-49.1	211.7
†EM061	455.6	3/3	1171.4	3.6	42.0	196.8	42.4	227.9	-45.5	219.7

Notes: Site - identification number for paleomagnetic site; Level - stratigraphic level of collecting site; N/N_0 - number of samples used to determine site-mean direction divided by number of samples analyzed; k - concentration parameter (= best estimate of Fisher's precision parameter); α_{95} - radius of cone of 95% confidence about site-mean direction; I and D - inclination and declination of in situ site-mean direction; I' , D' - inclination and declination of the site-mean direction corrected for bedding tilt; Lat and Long - latitude and longitude of the site-mean virtual geomagnetic pole (VGP) computed from the corrected direction.

*Undefined values.

†Site-mean directions used in tectonic analysis by Butler et al. (1995).

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TABLE 1. SITE-MEAN CHARACTERISTIC MAGNETIZATION PARAMETERS FOR TIUPAMPA

Site	Level (m)	N/N ₀	k	α_{95} (°)	In situ		Corrected			
					I (°)	D (°)	I'	D'	VGP	
									Lat (°N)	Long (°E)
†TP003	58.0	3/3	289.7	7.3	38.4	161.8	34.1	168.4	-79.0	19.0
†TP005	67.0	3/3	118.2	11.4	56.0	156.1	52.2	168.9	-72.2	326.3
†TP006	79.5	3/3	586.5	5.1	36.0	152.4	33.2	159.0	-70.1	20.8
†TP007	81.5	3/3	95.0	12.7	31.4	160.6	27.5	165.8	-75.9	36.5
†TP008	92.0	3/3	1222.7	3.5	40.5	160.1	37.4	169.5	-79.7	6.2
†TP009	96.0	3/3	67.5	15.1	47.1	161.2	43.6	172.9	-80.1	334.8
TP010	108.0	3/3	6.6	52.5	18.9	143.6	19.8	147.9	-57.9	34.2
TP013	138.0	3/3	96.5	12.6	48.5	162.6	44.7	174.7	-80.4	324.1
TP015	163.8	2/3	*	*	59.3	152.4	56.8	171.4	-69.2	314.1
TP016	165.8	2/3	*	*	54.4	168.0	49.2	181.9	-77.8	286.6
TP017	179.3	3/3	11.6	38.0	-5.0	157.2	-7.0	156.5	-58.4	65.1

Note: Site - identification number for paleomagnetic site; Level - stratigraphic level of collecting site; N/N₀ - number of samples used to determine site-mean direction divided by number of samples analyzed; k - concentration parameter; α_{95} - radius of cone of 95% confidence about site-mean direction; I and D - inclination and declination of in situ site-mean direction; I', D' - inclination and declination of the site-mean direction corrected for bedding tilt; Lat and Long - latitude and longitude of the site-mean virtual geomagnetic pole (VGP) computed from the corrected direction.

*Undefined values.

†Site-mean directions from the Santa Lucía Formation used in tectonic analysis by Butler et al. (1995).

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TABLE 1. SITE-MEAN CHARACTERISTIC MAGNETIZATION PARAMETERS
FOR THE UPPER MEMBER OF THE EL MOLINO FORMATION
AND THE SANTA LUCIA FORMATION AT SUCUSUMA

Site	Level (m)	N/N ₀	k	α_{95} (°)	In situ		Corrected			
					I (°)	D (°)	I'	D'	VGP	
							(°)	(°)	Lat (°N)	Long (°E)
EM066	7.1	2/2	*	*	43.8	154.2	49.9	145.7	-56.5	355.7
†EM069	15.7	3/3	508.6	5.5	48.1	157.6	53.7	148.9	-58.0	347.8
†EM073	35.5	3/3	45.9	18.4	50.5	143.1	51.0	130.8	-43.8	357.4
†EM075	41.8	3/3	3269.1	2.2	31.2	155.9	39.9	150.3	-61.8	9.7
†EM078	54.7	3/3	118.2	9.1	34.9	148.9	42.6	141.6	-53.7	6.9
EM079	62.6	2/2	*	*	54.3	143.0	60.4	126.6	-39.1	345.2
†EM080	65.4	3/3	371.5	6.4	40.1	149.3	47.9	140.4	-52.3	0.1
EM082	71.8	3/3	38.5	20.1	25.1	145.3	27.4	140.5	-52.0	23.7
†EM084	78.7	3/3	4192.9	1.9	37.8	155.8	41.6	148.1	-59.7	7.6
EM088	110.0	3/3	7.85	47.3	8.7	155.7	12.9	153.9	-62.1	45.4
†EM089	117.5	3/3	608.9	5.0	48.4	155.2	51.8	143.9	-54.5	353.4
†EM090	125.4	3/3	943.9	4.0	44.3	161.3	48.8	151.8	-61.8	354.6

Notes: Site - identification number for paleomagnetic site; Level - stratigraphic level of collecting site; N/N₀ - number of samples used to determine site-mean direction divided by number of samples analyzed; k - concentration parameter; α_{95} - radius of cone of 95% confidence about site-mean direction; I and D - inclination and declination of in situ site-mean direction; I', D' - inclination and declination of the site-mean direction corrected for bedding tilt; Lat and Long - latitude and longitude of the site-mean virtual geomagnetic pole (VGP) computed from the corrected direction.

*Undefined values.

†Site-mean directions used in tectonic analysis by Butler et al. (1995).

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TABLE 5. SITE-MEAN CHARACTERISTIC MAGNETIZATION PARAMETERS FOR THE
TOP OF THE MAÍZ GORDO AND LOWER PART OF THE LUMBRERA FORMATIONS
AT PAMPA GRANDE, NORTHWEST ARGENTINA

Formation and Site	Level (m)	N/N ₀	k	α_{95} (°)	In situ		Corrected			
					I (°)	D (°)	I'	D'	VGP	
									Lat (°N)	Long (°E)
Maíz Gordo										
LB001 ^a	174.0	1/3	*	*	-39.5	166.1	-23.3	155.9	-45.3	79.9
Lumbrera										
LB002 ^a	0.0	2/2	*	*	33.7	164.5	45.7	180.7	-88.5	270.6
LB003 ^t	52.8	3/3	9.7	42.1	88.6	293.7	65.6	294.9	-3.9	257.0
LB004 ^t	62.8	3/3	89.7	13.1	-17.9	331.7	-35.6	339.3	70.0	218.2
LB005 ^t	71.0	3/3	75.1	14.3	23.9	168.1	36.0	179.6	-84.1	110.8
LB006 ^t	89.0	2/2	*	*	-26.7	354.0	-36.4	7.0	81.5	345.4
LB007 ^t	104.0	2/2	*	*	-36.2	345.0	-48.3	3.3	85.5	76.0
LB008 ^a	113.0	3/3	2.1	*	45.6	195.2	44.8	218.8	-55.3	214.4
LB009 ^t	128.0	3/3	*	*	-8.7	174.9	3.1	173.9	-65.1	100.1
LB010 ^a	161.0	3/3	41.1	19.5	34.7	188.0	38.2	205.1	-66.1	199.1

Notes: Site - identification number for paleomagnetic site; Level - stratigraphic level of collecting site; N/N₀ - number of samples used to determine site-mean direction divided by number of samples analyzed; k - concentration parameter; α_{95} - radius of cone of 95% confidence about site-mean direction; I and D - inclination and declination of in situ site-mean direction; I', D' - inclination and declination of the site-mean direction corrected for bedding tilt; Lat and Long - latitude and longitude of the site-mean virtual geomagnetic pole (VGP) computed from the corrected direction.

*Undefined values.

^aAlternating field demagnetization.

^tThermal demagnetization.