

RESUMEN DE ENSAYOS CANTERA TUCSIPAMPA

FECHA	ENSAYO N°	PROGRESIVA	N° CALIC	PROF.	MUESTRA No	MATERIAL		GRANULOMETRIA																	LIMITES DE CONSISTENCIA			CLASIFICACION		MAT. NATURAL				SALES SOLUBLES (%)		CANTAS Y ALARGADAS (%)						
						ORIGEN	USO DESTINO	% PASANDO LOS TAMICES																	PASANTE MALLA N° 40 (%)			AASHTO	SUCS	% HUM. NAT.	PROCTOR		CBR LABORATORIO 0.1*		% ABRASION MATERIAL NATURAL		% EQUIV. ARENA	SALES				
								3"	2 1/2"	2"	1 1/2"	1"	3/4"	1/2"	3/8"	# 4	# 8	# 10	# 16	# 20	# 30	# 40	# 50	# 60	# 100	# 200	LL				LP	IP	MDS (g/cm3)	OCH (%)				100%	95%	% GRAVA	% ARENA	SALES
03/02/13	243	Tucspampa	1	0.00-1.50	M-1	Cantera	Estudio	100.0	96.0	88.3	82.7	70.0	64.2	56.5	51.7	41.3	34.4	32.6	25.4	20.7	14.9	10.8	7.4	2.9	2.3	1.2	-	NP	NP	A-1-a(0)	GP	1.6	2.110	11.1	69.1	45.8	14.8	74	0.148	0.241	5.5	
03/02/13	244	Tucspampa	2	0.00-1.50	M-1	Cantera	Estudio	100.0	100.0	88.7	82.7	73.6	66.0	55.7	50.7	39.4	30.8	28.6	21.6	17.1	12.6	9.0	6.2	2.5	2.0	1.1	-	NP	NP	A-1-a(0)	GP	1.1	2.100	10.9	68.9	47.5	15.2	73	0.131	0.230	5.9	
03/02/13	245	Tucspampa	3	0.00-1.50	M-1	Cantera	Estudio	100.0	95.2	91.0	85.7	76.2	70.5	60.8	54.9	42.4	33.9	32.2	24.5	19.9	14.4	10.7	7.4	3.1	2.5	1.5	-	NP	NP	A-1-a(0)	GP	0.6	2.118	11.0	69.0	46.9	15.1	75	0.121	0.223	5.4	
03/02/13	246	Tucspampa	4	0.00-1.50	M-1	Cantera	Estudio	100.0	95.9	91.6	86.1	76.9	67.7	58.5	53.1	41.8	31.9	30.2	22.9	18.3	13.0	9.0	5.8	2.1	1.7	0.9	-	NP	NP	A-1-a(0)	GP	0.9	2.114	11.1	68.1	46.9	15.1	76	0.136	0.227	6.1	
03/02/13	247	Tucspampa	5	0.00-1.50	M-1	Cantera	Estudio	100.0	93.3	86.9	75.0	68.8	59.9	54.5	41.4	30.3	28.4	21.7	17.6	12.7	9.1	6.1	2.4	1.9	1.1	-	NP	NP	A-1-a(0)	GP	1.0	2.105	11.0	68.6	48.2	14.4	74	0.161	0.247	5.9		
03/02/13	248	Tucspampa	6	0.00-1.50	M-1	Cantera	Estudio	100.0	94.9	91.9	88.0	77.8	71.2	61.8	56.2	43.8	36.2	34.4	26.9	22.4	16.8	12.5	8.6	3.6	2.8	1.6	-	NP	NP	A-1-a(0)	GP	1.9										
27/05/13	934	Tucspampa	7	0.00-1.50	M-1	Cantera	Estudio	100.0	94.9	81.5	67.2	60.5	52.6	44.6	39.8	31.3	26.2	24.6	20.0	15.9	12.3	8.4	6.2	3.4	2.9	2.1	-	NP	NP	A-1-a(0)	GP	2.3										
27/05/13	935	Tucspampa	8	0.00-1.50	M-1	Cantera	Estudio	100.0	100.0	85.0	72.0	58.6	49.7	40.2	35.9	26.6	21.8	20.3	16.1	12.3	9.1	6.2	4.5	2.6	2.2	1.5	-	NP	NP	A-1-a(0)	GP	4.9										
27/05/13	936	Tucspampa	9	0.00-1.50	M-1	Cantera	Estudio	100.0	86.3	77.0	66.0	56.9	49.3	45.7	35.8	29.2	27.1	21.3	16.5	12.5	7.8	4.9	1.4	1.1	0.5	-	NP	NP	A-1-a(0)	GP	5.0											
27/05/13	937	Tucspampa	10	0.00-1.50	M-1	Cantera	Estudio	100.0	85.8	72.1	57.8	48.4	37.9	33.0	24.8	19.6	18.3	14.8	12.0	9.7	7.2	5.3	2.6	2.3	1.8	-	NP	NP	A-1-a(0)	GP	2.9											
27/05/13	938	Tucspampa	11	0.00-1.50	M-1	Cantera	Estudio	100.0	89.3	79.3	70.3	64.4	55.0	50.1	39.9	33.1	30.8	25.0	19.9	15.6	10.6	6.9	2.7	2.1	0.9	-	NP	NP	A-1-a(0)	GP	3.4											
27/05/13	939	Tucspampa	12	0.00-1.50	M-1	Cantera	Estudio	100.0	89.0	76.3	60.1	54.5	45.0	40.3	27.8	21.2	19.7	15.4	13.3	11.0	8.4	6.7	3.8	2.9	1.3	-	NP	NP	A-1-a(0)	GP	3.7											
27/05/13	940	Tucspampa	13	0.00-1.50	M-1	Cantera	Estudio	100.0	83.6	70.3	55.5	51.7	44.9	40.3	31.3	25.1	23.9	17.3	13.0	12.4	9.4	7.3	3.1	2.6	1.6	-	NP	NP	A-1-a(0)	GP	3.4											
27/05/13	941	Tucspampa	14	0.00-1.50	M-1	Cantera	Estudio	100.0	95.0	75.7	62.8	57.7	49.7	43.0	39.4	30.7	25.6	23.8	19.0	14.7	11.0	7.2	5.1	2.5	2.1	1.2	-	NP	NP	A-1-a(0)	GP	3.3										
27/05/13	942	Tucspampa	15	0.00-1.50	M-1	Cantera	Estudio	100.0	83.2	73.8	55.6	47.2	38.8	34.6	26.8	21.5	20.0	16.1	12.5	9.5	6.5	4.8	2.7	2.5	1.6	-	NP	NP	A-1-a(0)	GP	3.1											
27/05/13	943	Tucspampa	16	0.00-1.50	M-1	Cantera	Estudio	100.0	91.2	81.3	74.0	59.5	54.3	47.6	43.4	33.4	28.0	26.2	21.3	16.6	12.4	8.0	5.5	2.8	2.5	1.5	-	NP	NP	A-1-a(0)	GP	3.8										
27/05/13	944	Tucspampa	17	0.00-1.50	M-1	Cantera	Estudio	100.0	98.1	79.4	66.7	59.9	50.7	45.7	36.9	31.4	30.1	24.1	19.4	13.9	10.4	7.7	3.6	3.0	2.3	-	NP	NP	A-1-a(0)	GP	3.9											
27/05/13	945	Tucspampa	18	0.00-1.50	M-1	Cantera	Estudio	100.0	94.4	91.7	80.7	66.9	58.3	47.9	39.7	29.0	24.2	23.2	18.2	14.5	9.8	6.4	4.3	2.0	1.7	1.1	-	NP	NP	A-1-a(0)	GP	3.8										
27/05/13	946	Tucspampa	19	0.00-1.50	M-1	Cantera	Estudio	100.0	89.2	62.6	76.5	66.0	58.4	49.8	45.2	35.2	30.1	28.9	23.0	18.6	12.9	9.0	6.3	3.0	2.5	1.6	-	NP	NP	A-1-a(0)	GP	4.3										
27/05/13	947	Tucspampa	20	0.00-1.50	M-1	Cantera	Estudio	100.0	97.2	88.8	76.4	70.5	62.6	58.1	47.3	33.0	30.5	20.2	15.8	11.4	8.3	5.9	2.9	2.4	1.4	-	NP	NP	A-1-a(0)	GP	3.5											
27/05/13	948	Tucspampa	21	0.00-1.50	M-1	Cantera	Estudio	100.0	92.5	83.1	74.1	62.6	53.4	43.0	38.5	29.3	24.1	23.1	17.6	13.9	9.5	6.6	4.7	2.3	2.0	1.3	-	NP	NP	A-1-a(0)	GP	3.5										
27/05/13	949	Tucspampa	22	0.00-1.50	M-1	Cantera	Estudio	100.0	95.8	83.2	61.8	54.5	43.4	39.1	29.4	24.3	22.5	18.1	14.2	10.9	7.5	5.5	2.9	2.5	1.5	-	NP	NP	A-1-a(0)	GP	3.8											
27/05/13	950	Tucspampa	23	0.00-1.50	M-1	Cantera	Estudio	100.0	96.1	84.1	70.7	59.4	48.3	42.3	30.1	24.0	22.5	18.8	15.7	13.2	9.7	7.0	3.5	3.0	1.9	-	NP	NP	A-1-a(0)	GP	3.7											
27/05/13	951	Tucspampa	24	0.00-1.50	M-1	Cantera	Estudio	100.0	84.4	74.1	58.6	50.8	42.6	38.2	29.9	24.3	23.2	17.3	13.2	8.7	6.0	4.2	2.1	1.8	1.2	-	NP	NP	A-1-a(0)	GP	2.2											
27/05/13	952	Tucspampa	25	0.00-1.50	M-1	Cantera	Estudio	100.0	94.2	87.3	73.7	55.3	49.3	40.5	36.7	28.1	23.2	17.5	13.7	10.3	7.1	5.3	2.7	2.3	1.3	-	NP	NP	A-1-a(0)	GP	3.8											
27/05/13	953	Tucspampa	26	0.00-1.50	M-1	Cantera	Estudio	100.0	93.9	77.8	72.3	63.7	57.9	47.8	43.0	33.3	28.0	26.4	21.1	16.3	12.1	7.9	5.6	2.7	2.3	1.5	-	NP	NP	A-1-a(0)	GP	3.8										
27/05/13	954	Tucspampa	27	0.00-1.50	M-1	Cantera	Estudio	100.0	94.4	86.7	76.8	59.5	54.8	46.0	42.0	33.2	28.9	25.2	20.3	15.8	12.5	8.9	6.7	3.9	3.5	2.3	-	NP	NP	A-1-a(0)	GP	3.8										
27/05/13	955	Tucspampa	28	0.00-1.50	M-1	Cantera	Estudio	100.0	92.0	82.8	64.5	55.1	50.5	43.5	39.3	30.4	25.2	23.6	19.6	15.4	12.2	8.6	6.6	3.8	3.3	2.2	-	NP	NP	A-1-a(0)	GP	4.1										
27/05/13	956	Tucspampa	29	0.00-1.50	M-1	Cantera	Estudio	100.0	93.9	90.0	74.4	57.7	51.3	43.2	39.0	30.6	26.2	25.0	20.5	16.8	13.5	9.5	6.5	3.0	2.5	1.8	-	NP	NP	A-1-a(0)	GP	3.5										
27/05/13	957	Tucspampa	30	0.00-1.50	M-1	Cantera	Estudio	100.0	93.3	77.9	65.0	57.2	46.4	40.1	28.3	22.9	22.0	18.0	15.4	12.1	9.4	6.8	2.9	2.4	1.4	-	NP	NP	A-1-a(0)	GP	3.1											
27/05/13	958	Tucspampa	31	0.00-1.50	M-1	Cantera	Estudio	100.0	94.3	85.2	76.6	59.4	53.6	43.6	38.6	29.9	26.1	24.7	20.5	16.1	12.5	8.6	6.4	3.5	3.1	2.1	-	NP	NP	A-1-a(0)	GP	3.6										
27/05/13	959	Tucspampa	32	0.00-1.50	M-1	Cantera	Estudio	100.0	84.2	71.5	61.5	53.3	42.3	37.2	28.7	23.7	22.7	17.7	14.5	10.7	8.2	6.0	3.2	2.8	2.0	-	NP	NP	A-1-a(0)	GP	2.6											
27/05/13	960	Tucspampa	33	0.00-1.50	M-1	Cantera	Estudio	100.0	96.2	79.3	74.0	59.4	52.8	44.7	40.8	31.8	27.3	25.7	21.3	17.0	13.0	8.4	6.0	2.9	2.6	1.5	-	NP	NP	A-1-a(0)	GP	4.4										
27/05/13	961	Tucspampa	34	0.00-1.50	M-1	Cantera	Estudio	100.0	94.4	91.8	84.3	74.3	67.8	56.9	54.3	47.9	41.9	40.5	31.5	25.4	20.0	14.2	10.6	5.4	4.4	2.0	-	NP	NP	A-1-a(0)	GP	2.8										
27/05/13	962	Tucspampa	35	0.00-1.50	M-1	Cantera	Estudio	100.0	96.5	92.4	81.9	73.4	70.0	66.4	54.7	47.1	45.0	35.7	29.1	21.3	15.8	11.2	4.6	3.6	1.1	-	NP	NP	A-1-a(0)	SP	4.2											
27/05/13	963	Tucspampa	36	0.00-1.50	M-1	Cantera	Estudio	100.0	92.3	86.7	77.7	70.3	65.4	59.4	57.7	46.5	40.6	38.2	31.9	25.2	19.8	13.4	9.7	4.5	3.7	1																