

ELECTRONIC SUPPLEMENT

for the article

Structural analysis of the La Colorada Mine, Sonora, Mexico

by

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Table A. Attitude of faults in the La Colorada Area.

Coordinates UTM X	Y	Strike	Dip	Crosscutting relationships
540804	3184450	234	16	not seen
540804	3184450	262	43	not seen
540804	3184450	209	79	not seen
540804	3184450	73	70	not seen
540643	3184970	345	88	not seen
541033	3185470	100	69	not seen
541033	3185470	105	83	not seen
541122	3185390	270	56	not seen
541122	3185390	85	68	not seen
540971	3185670	355	59	not seen
540971	3185670	249	79	not seen
541064	3185520	212	77	not seen
541057	3185540	310	66	not seen
541057	3185540	67	65	not seen
541490	3185630	285	88	not seen
541490	3185630	351	40	cut to 285-88
541490	3185630	274	64	not seen
541490	3185630	270	72	not seen
541462	3185650	325	38	not seen
541462	3185650	40	69	not seen
541462	3185650	67	56	not seen
541462	3185650	270	54	not seen
541462	3185650	245	25	not seen
541462	3185650	195	80	cut to 245-25
541462	3185650	175	73	not seen
541462	3185650	255	90	not seen
541462	3185650	74	85	not seen
541383	3185630	285	83	not seen
541383	3185630	173	80	not seen
541383	3185630	342	15	not seen
541383	3185630	293	44	not seen
541383	3185630	388	88	not seen
541323	3185580	288	77	not seen
541323	3185580	265	55	not seen
541323	3185580	276	83	not seen
541323	3185580	268	67	not seen
541323	3185580	274	87	not seen
541323	3185580	275	89	not seen
541323	3185580	37	41	cut to 275-89
541323	3185580	266	78	not seen
541323	3185580	324	59	not seen
541323	3185580	290	84	not seen
541323	3185580	96	89	not seen
541323	3185580	250	57	not seen
541323	3185580	222	42	not seen
541323	3185580	275	37	not seen
541323	3185580	5	74	not seen
541323	3185580	333	25	not seen
541323	3185580	0	44	not seen
541323	3185580	310	18	not seen
541323	3185580	353	25	not seen
541348	3185650	5	57	not seen
541357	3185660	251	38	not seen
541357	3185660	277	70	not seen
541357	3185660	295	65	not seen
541358	3185760	215	61	not seen
541358	3185760	205	41	not seen
541358	3185760	225	40	not seen

continues

Table A (cont.). Attitude of faults in the La Colorada Area.

Coordinates UTM X	Y	Strike	Dip	Crosscutting relationships
541358	3185760	0	54	not seen
541223	3185780	205	74	not seen
541223	3185780	252	38	not seen
541223	3185780	245	39	not seen
541223	3185780	313	43	not seen
541341	3185830	267	80	not seen
541341	3185830	320	40	cut to 267-80
541341	3185830	245	60	not seen
541432	3185920	5	64	not seen
541432	3185920	342	41	not seen
541515	3185910	32	79	not seen
541515	3185910	310	31	not seen
541515	3185910	232	75	not seen
541515	3185910	5	38	not seen
541515	3185890	305	30	not seen
541515	3185890	271	46	not seen
541515	3185890	260	50	not seen
541515	3185890	150	84	not seen
541515	3185890	265	45	not seen
541515	3185890	305	83	not seen
541515	3185890	315	79	not seen
541515	3185890	287	82	not seen
541480	3185850	315	32	not seen
541472	3185830	335	33	not seen
541509	3185670	273	67	not seen
541479	3185700	255	47	not seen
541478	3185720	241	54	not seen
541457	3185730	295	55	not seen
541457	3185730	220	71	not seen
541456	3185750	242	67	not seen
541456	3185750	95	46	not seen
541456	3185750	275	78	not seen
541456	3185750	285	285	not seen
541480	3185780	355	65	not seen
541480	3185780	270	60	not seen
541480	3185780	262	49	not seen
541441	3185730	270	45	not seen
541441	3185730	60	54	cut to 270-45
541311	3185820	248	63	not seen
541311	3185820	255	76	not seen
541311	3185820	285	51	not seen
541311	3185820	320	40	cut to 285-51 and 320-40
541384	3185860	253	29	not seen
541417	3185930	226	49	not seen
541417	3185930	325	27	cut to 226-49
541597	3185760	17	66	not seen
541597	3185760	190	61	not seen
542888	3185680	285	67	not seen
542890	3185690	260	66	not seen
542890	3185690	45	24	not seen
542905	3185720	255	83	not seen
542905	3185720	150	74	not seen
542905	3185720	78	88	not seen
542919	3185760	247	76	not seen
542919	3185760	260	84	not seen
542932	3185770	71	80	not seen
542922	3185780	265	72	not seen
542922	3185780	260	75	not seen

continues

Table A (cont.). Attitude of faults in the La Colorada Area.

Coordinates UTM		Strike	Dip	Crosscutting relationships
X	Y			
542922	3185780	350	35	not seen
542922	3185780	260	47	not seen
542922	3185780	258	54	not seen
542915	3185790	270	58	not seen
542915	3185790	90	34	not seen
542897	3185800	248	64	not seen
542897	3185800	255	65	not seen
542897	3185800	280	18	not seen
542897	3185800	190	85	not seen
542897	3185800	225	74	not seen
542897	3185800	270	58	not seen
542897	3185800	45	31	not seen
542897	3185800	240	70	not seen
542830	3185820	5	31	not seen
542803	3186740	240	40	not seen
542803	3186740	175	90	not seen
542795	3185850	210	58	not seen
542795	3185850	235	72	not seen
542778	3185870	305	57	not seen
542778	3185870	293	55	not seen
542778	3185870	250	66	not seen
542340	3185730	90	88	not seen
542837	3185790	245	56	not seen
542828	3185780	275	44	not seen
542828	3185780	290	31	not seen
542777	3185820	272	66	not seen
542777	3185820	247	62	not seen
542757	3185690	170	26	not seen
542307	3185230	140	45	not seen
542307	3185230	295	60	not seen
542311	3185630	320	75	not seen
542311	3185630	305	53	not seen
542311	3185630	73	23	not seen
542321	3185650	325	47	not seen
542321	3185650	290	36	not seen
542321	3185650	90	12	not seen
542321	3185650	397	57	not seen
542321	3185650	305	63	not seen
542347	3185670	345	45	not seen
542347	3185670	275	55	not seen
542385	3185690	175	70	not seen
542385	3185690	90	29	not seen
542385	3185690	355	85	cut to 90-29
542385	3185690	120	46	not seen
542413	3185690	310	59	not seen
542413	3185690	315	47	not seen
542426	3185700	318	49	not seen
542465	3185600	200	83	not seen
542465	3185600	280	90	not seen
543212	3185831	86	65	not seen
543212	3185831	145	50	not seen
543212	3185831	62	83	not seen
543212	3185831	51	82	not seen
543212	3185831	142	62	not seen
543215	3185829	160	45	not seen
543215	3185829	363	47	not seen
543232	3185835	273	69	not seen
543232	3185835	232	80	not seen

continues

Table A (cont.). Attitude of faults in the La Colorada Area.

Coordinates UTM		Strike	Dip	Crosscutting relationships
X	Y			
543235	3185843	215	76	not seen
543235	3185843	235	86	not seen
543178	3186220	205	51	not seen
543181	3186222	72	87	not seen
543193	3186250	220	65	not seen
543219	3186231	250	79	not seen
543237	3186286	320	47	not seen
543237	3186286	300	45	not seen
543221	3186296	270	35	not seen
543221	3186296	275	41	not seen
543221	3186296	135	60	not seen
543178	3186343	275	77	not seen
543203	3186375	277	37	not seen
543203	3186375	5	71	not seen
543203	3186375	343	24	not seen
543203	3186375	310	34	not seen
543247	3186488	350	66	not seen
543132	3186487	70	71	not seen
543088	3186448	85	81	not seen
543100	3186457	270	75	not seen
543107	3186463	345	31	not seen
543107	3186463	265	61	not seen
543107	3186463	252	90	not seen
543180	3186487	52	75	not seen
543201	3186489	245	54	not seen
543203	3186489	5	57	not seen
543238	3186506	175	75	not seen
543324	3186636	300	56	not seen
543405	3186712	275	80	not seen
543410	3186727	277	68	not seen
543411	3186734	270	66	not seen
543416	3186751	270	69	not seen
543413	3186775	287	68	not seen
543417	3186791	267	54	not seen
543417	3186791	280	52	not seen
543417	3186791	295	27	not seen
544090	3187057	185	60	not seen
544138	3186320	45	50	not seen
544116	3187327	275	80	not seen
544047	3187350	115	15	not seen
544047	3187350	222	90	cut to 115-15
544047	3187350	85	25	not seen
544047	3187350	140	31	not seen
544047	3187350	350	34	not seen
544047	3187350	290	27	not seen
544064	3187355	280	55	not seen
544064	3187355	233	84	not seen
544064	3187355	85	37	not seen
544064	3187355	105	32	not seen
544064	3187355	175	30	not seen
544064	3187355	25	30	not seen
544064	3187355	62	31	not seen
544036	3187337	105	49	not seen
544036	3187337	175	38	not seen
544024	3187351	340	33	not seen
544024	3187351	203	43	not seen
544024	3187351	35	40	not seen
544014	3187367	275	66	not seen

continues

Table A (cont.). Attitude of faults in the La Colorada Area.

Coordinates UTM X	Y	Strike	Dip	Crosscutting relationships
544014	3187367	38	30	not seen
544004	3187372	290	69	not seen
544004	3187372	272	62	not seen
544004	3187372	40	20	not seen
544004	3187372	43	26	not seen
544004	3187372	192	45	not seen
544000	3187368	225	56	not seen
544000	3187368	285	70	not seen
544000	3187368	3	30	not seen
544008	3187372	287	80	not seen
544009	3187363	272	68	not seen
544009	3187363	16	19	not seen
544009	3187363	280	70	not seen
544009	3187363	41	25	not seen
544009	3187363	190	38	not seen
544009	3187363	235	75	not seen
543989	3187368	177	36	not seen
543989	3187368	187	37	not seen
543989	3187368	275	64	not seen
543989	3187368	290	65	not seen
543999	3187398	72	45	not seen
543999	3187398	62	45	not seen
543987	3187410	140	34	not seen
543975	3187416	30	25	not seen
543975	3187416	175	64	not seen
543165	3186483	215	85	not seen
543246	3186481	330	56	not seen
543301	3186614	335	65	not seen
543301	3186614	80	81	not seen
543301	3186614	180	88	not seen
543301	3186614	280	65	not seen
543297	3186614	130	61	not seen
543297	3186625	355	45	not seen
543297	3186625	355	81	not seen
543309	3186629	40	83	not seen
543309	3186629	23	65	not seen
543309	3186629	315	59	not seen
543322	3186636	290	70	not seen
543322	3186636	300	70	not seen
543338	3186650	310	85	not seen
543376	3186716	260	81	not seen
543376	3186716	265	80	not seen
543366	3186724	275	80	not seen
543366	3186724	250	78	not seen
543368	3186737	280	68	not seen
543368	3186737	285	76	not seen
545378	3186916	275	70	not seen
545362	3186691	355	81	not seen
545096	3186828	290	28	not seen
545082	3186795	60	25	not seen
545006	3186798	253	32	not seen
545006	3186765	320	30	not seen
544999	3186763	265	47	not seen
544518	3186515	155	83	not seen
544518	3186515	175	67	not seen
544569	3186760	145	76	not seen
544660	3186763	142	85	not seen
544678	3186777	30	77	not seen

continues

Table A (cont.). Attitude of faults in the La Colorada Area.

Coordinates UTM X	Y	Strike	Dip	Crosscutting relationships
544670	3186606	295	84	not seen
544682	3186612	10	65	not seen
544682	3186612	175	77	not seen
544719	3186854	35	47	not seen
543157	3186425	290	80	cut by ~n-s fracture
543315	3186629	260	75	cut by ~n-s fracture
543374	3186704	267	86	not seen
543495	3186247	328	65	not seen
543380	3186990	284	64	not seen
543353	3187110	12	29	not seen
543320	3186970	272	89	not seen
543360	3186904	280	45	not seen
543470	3186826	245	76	not seen
543410	3185840	247	69	not seen
540898	3186220	156	82	not seen
540014	3188911	205	90	not seen
542809	3186374	250	67	not seen
543208	3185822	242	80	not seen
543257	3185841	247	86	not seen
540303	3186527	170	80	not seen
540303	3186527	307	62	not seen
540303	3186527	248	72	not seen
540303	3186527	27	60	not seen
541233	3187094	270	60	not seen
541329	3187111	295	54	not seen
543807	3187285	170	80	not seen
545015	3187618	45	55	not seen
545022	3187610	45	55	not seen
545027	3187606	40	32	not seen
545027	3187606	180	75	not seen
545027	3187606	173	82	not seen
541699	3185790	75	20	not seen
541695	3185753	32	48	not seen
541695	3185753	143	71	not seen
541675	3185595	154	84	not seen
541675	3185595	204	78	not seen
541675	3185595	170	78	not seen
541448	3185448	270	58	not seen
541530	3185440	280	66	not seen
541530	3185440	330	65	not seen
541521	3185428	288	70	not seen
541513	3185428	350	87	not seen
541513	3185428	36	31	not seen
541504	3185426	165	58	not seen
541487	3185419	209	41	not seen
541481	3185413	223	74	not seen
541472	3185411	327	31	not seen
541472	3185411	189	56	not seen
541472	3185411	89	55	not seen
541462	3185407	305	89	not seen
541462	3185407	288	76	not seen
541445	3185396	300	38	not seen
541421	3185398	243	74	not seen
541417	3185392	352	71	not seen