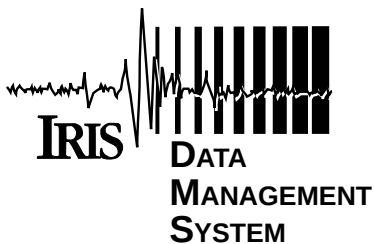


RITA3

Santa Rita 3-D Experiment, 1997

Roy Johnson
University of Arizona

PASSCAL Data Report 01-007



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University of Arizona Santa Rita 3-D Seismic Experiment, 1997

General description

A 3-D seismic reflection survey was acquired from 3/19/97 to 3/22/97 with the purpose of imaging a shallow-dipping fault in shallow alluvial-fan deposits along the northwestern flank of the Santa Rita Mountains, Pima County, Arizona. Inline orientation was NW-SE, generally perpendicular to strike of the fault. Data are characterized by low signal-to-noise ratio and strong air-wave and ground-roll arrivals.

Acquisition Parameters

Geometry

3-D, rectangular survey NW-SE 320' x NE-SW 120'

10 shooting lines, each with ~ 30 stations

Shooting began on line 1, with receivers laid out on lines 2 through 5. Recording system 1 spanned lines 2 and 3 with channels 1-60; Recording System 2 spanned lines 4 and 5 with channels 61-120. This spread was maintained while shooting through lines 1 and 2. At the completion of shooting through line 2, Recording System 1 (from lines 2 and 3) was moved to lines 6 and 7. This spread (receivers on lines 4 through 7) was maintained while shooting through lines 3 and 4. At completion of shooting through line 4, Recording System 2 (on lines 4 and 5) was moved to lines 8 and 9. This spread (with receivers on lines 6 through 9) was maintained while shooting through lines 5 through 10.

Recording system and parameters

Two Geometrics StrataView systems in master / slave mode.

120 channels split over 2 systems

Single 40-Hz geophone per station

0.25 ms sample interval

1.024 sec record length

Preamplifier gain variable

Geophone spacing 10 ft inline, 30 ft crossline

Source

Betsy Seisgun, 350 grain charges, black-powder

Source Spacing 20 ft inline on half station, 30 ft crossline

Santa Rita GPS Survey for 3D Seismic Survey - Spring, 1997

"Process Station No." Refers to Shotpoint Number Used in Shot Gathers

"Shot-Point No." Refers to Station Locations Shown on Maps

Easting and Northing Coordinates and Elevations Given in FEET

Process

Station No.	Shot-Point No.	Easting	Northing	Elevation	Converted Longitude	Converted Latitude
1001	1-1.5	513506.396	3532085.137	3408.258	110° 51' 25.648" W	31° 55' 28.495" N
1003	1-3.5	513490.473	3532097.585	3407.383	110° 51' 26.254" W	31° 55' 28.9" N
1005	1-5.5	513475.111	3532110.487	3406.917	110° 51' 26.838" W	31° 55' 29.32" N
1007	1-7.5	513458.291	3532120.965	3406.284	110° 51' 27.478" W	31° 55' 29.661" N
1009	1-9.5	513442.052	3532132.572	3405.565	110° 51' 28.096" W	31° 55' 30.039" N
1011	1-11.5	513425.412	3532144.164	3404.710	110° 51' 28.729" W	31° 55' 30.416" N
1013	1-13.5	513409.746	3532156.484	3404.298	110° 51' 29.325" W	31° 55' 30.817" N
1015	1-15.5	513393.091	3532167.429	3403.381	110° 51' 29.959" W	31° 55' 31.173" N
1017	1-17.5	513377.543	3532178.763	3402.861	110° 51' 30.551" W	31° 55' 31.542" N
1019	1-19.5	513360.407	3532190.191	3401.817	110° 51' 31.203" W	31° 55' 31.914" N
1021	1-21.5	513342.376	3532200.157	3401.143	110° 51' 31.889" W	31° 55' 32.238" N
1023	1-23.5	513327.962	3532213.095	3399.934	110° 51' 32.437" W	31° 55' 32.659" N
1025	1-25.5	513312.383	3532225.659	3398.855	110° 51' 33.03" W	31° 55' 33.068" N
1027	1-27.5	513295.402	3532237.331	3397.771	110° 51' 33.676" W	31° 55' 33.447" N
1029	1-29.5	513280.808	3532249.342	3396.787	110° 51' 34.231" W	31° 55' 33.838" N
1031	1-31.5	513263.590	3532262.084	3395.571	110° 51' 34.886" W	31° 55' 34.253" N
2031	2-31.5	513247.307	3532237.408	3397.213	110° 51' 35.507" W	31° 55' 33.452" N
2030	2-30	513256.889	3532229.658	3397.520	110° 51' 35.143" W	31° 55' 33.2" N
2029	2-29	513264.913	3532223.483	3398.037	110° 51' 34.838" W	31° 55' 32.999" N
2028	2-28	513272.216	3532217.618	3398.242	110° 51' 34.56" W	31° 55' 32.808" N
2027	2-27	513280.354	3532211.873	3398.746	110° 51' 34.25" W	31° 55' 32.621" N
2026	2-26	513288.406	3532205.866	3399.377	110° 51' 33.944" W	31° 55' 32.426" N
2025	2-25	513296.551	3532199.978	3399.791	110° 51' 33.634" W	31° 55' 32.234" N
2024	2-24	513304.773	3532193.829	3400.250	110° 51' 33.321" W	31° 55' 32.034" N
2023	2-23	513313.113	3532187.924	3400.817	110° 51' 33.004" W	31° 55' 31.842" N
2022	2-22	513320.953	3532182.066	3401.449	110° 51' 32.705" W	31° 55' 31.651" N
2021	2-21	513329.256	3532176.023	3401.827	110° 51' 32.39" W	31° 55' 31.455" N
2020	2-20	513337.215	3532170.634	3402.171	110° 51' 32.087" W	31° 55' 31.279" N
2019	2-19	513344.735	3532164.914	3402.724	110° 51' 31.801" W	31° 55' 31.093" N
2018	2-18	513352.864	3532159.620	3403.243	110° 51' 31.491" W	31° 55' 30.921" N
2017	2-17	513361.139	3532153.027	3403.825	110° 51' 31.176" W	31° 55' 30.707" N
2016	2-16	513369.244	3532147.133	3404.125	110° 51' 30.868" W	31° 55' 30.515" N
2015	2-15	513377.422	3532140.340	3404.595	110° 51' 30.557" W	31° 55' 30.294" N
2014	2-14	513385.173	3532135.061	3405.018	110° 51' 30.262" W	31° 55' 30.122" N
2013	2-13	513393.659	3532129.181	3405.560	110° 51' 29.939" W	31° 55' 29.931" N
2012	2-12	513401.245	3532122.933	3406.395	110° 51' 29.651" W	31° 55' 29.727" N
2011	2-11	513409.386	3532117.359	3406.299	110° 51' 29.341" W	31° 55' 29.546" N
2010	2-10	513417.680	3532111.461	3406.441	110° 51' 29.025" W	31° 55' 29.354" N
2009	2-9	513425.713	3532105.494	3406.765	110° 51' 28.72" W	31° 55' 29.16" N
2008	2-8	513433.606	3532099.822	3406.972	110° 51' 28.419" W	31° 55' 28.975" N
2007	2-7	513442.064	3532093.804	3407.185	110° 51' 28.098" W	31° 55' 28.78" N
2006	2-6	513450.097	3532087.848	3407.449	110° 51' 27.792" W	31° 55' 28.586" N
2005	2-5	513458.071	3532082.204	3407.792	110° 51' 27.489" W	31° 55' 28.402" N
2004	2-4	513466.228	3532076.230	3408.219	110° 51' 27.178" W	31° 55' 28.208" N
2003	2-3	513474.444	3532070.579	3408.474	110° 51' 26.866" W	31° 55' 28.024" N
2002	2-2	513482.642	3532065.071	3408.875	110° 51' 26.554" W	31° 55' 27.845" N
2001	2-1	513490.538	3532059.009	3409.190	110° 51' 26.253" W	31° 55' 27.647" N
3060	3-60	513471.275	3532035.996	3409.514	110° 51' 26.988" W	31° 55' 26.901" N
3059	3-59	513463.826	3532041.843	3409.091	110° 51' 27.272" W	31° 55' 27.091" N
3058	3-58	513455.256	3532047.620	3408.773	110° 51' 27.598" W	31° 55' 27.279" N
3057	3-57	513447.341	3532053.591	3408.302	110° 51' 27.899" W	31° 55' 27.473" N
3056	3-56	513439.144	3532059.955	3408.125	110° 51' 28.211" W	31° 55' 27.68" N
3055	3-55	513430.996	3532065.464	3407.737	110° 51' 28.521" W	31° 55' 27.86" N
3054	3-54	513422.879	3532070.961	3407.452	110° 51' 28.829" W	31° 55' 28.039" N
3053	3-53	513415.116	3532077.205	3407.187	110° 51' 29.125" W	31° 55' 28.242" N
3052	3-52	513406.835	3532082.855	3406.940	110° 51' 29.44" W	31° 55' 28.425" N
3051	3-51	513398.600	3532088.710	3406.694	110° 51' 29.753" W	31° 55' 28.616" N

3050	3-50	513390.642	3532094.590	3406.490	110° 51' 30.056" W	31° 55' 28.807" N
3049	3-49	513382.504	3532100.589	3406.087	110° 51' 30.365" W	31° 55' 29.003" N
3048	3-48	513374.101	3532106.673	3405.661	110° 51' 30.685" W	31° 55' 29.2" N
3047	3-47	513366.531	3532112.331	3405.193	110° 51' 30.973" W	31° 55' 29.385" N
3046	3-46	513358.296	3532118.123	3404.723	110° 51' 31.286" W	31° 55' 29.573" N
3045	3-45	513350.465	3532123.981	3404.207	110° 51' 31.584" W	31° 55' 29.764" N
3044	3-44	513341.852	3532130.447	3403.664	110° 51' 31.912" W	31° 55' 29.974" N
3043	3-43	513334.685	3532135.737	3403.244	110° 51' 32.185" W	31° 55' 30.146" N
3042	3-42	513326.609	3532142.316	3402.727	110° 51' 32.492" W	31° 55' 30.36" N
3041	3-41	513318.092	3532147.842	3402.493	110° 51' 32.816" W	31° 55' 30.54" N
3040	3-40	513309.938	3532153.911	3401.991	110° 51' 33.126" W	31° 55' 30.737" N
3039	3-39	513301.507	3532159.882	3401.561	110° 51' 33.447" W	31° 55' 30.932" N
3038	3-38	513293.850	3532165.631	3401.151	110° 51' 33.738" W	31° 55' 31.119" N
3037	3-37	513285.668	3532171.733	3400.670	110° 51' 34.05" W	31° 55' 31.317" N
3036	3-36	513277.431	3532177.292	3400.257	110° 51' 34.363" W	31° 55' 31.498" N
3035	3-35	513270.208	3532183.245	3399.700	110° 51' 34.638" W	31° 55' 31.692" N
3034	3-34	513261.520	3532188.495	3399.065	110° 51' 34.968" W	31° 55' 31.863" N
3033	3-33	513253.788	3532194.717	3398.563	110° 51' 35.263" W	31° 55' 32.065" N
3032	3-32	513245.790	3532200.954	3398.139	110° 51' 35.567" W	31° 55' 32.268" N
3031	3-31	513237.471	3532206.561	3397.698	110° 51' 35.883" W	31° 55' 32.45" N
3029	3-29.5	513225.456	3532215.217	3396.941	110° 51' 36.341" W	31° 55' 32.732" N
4031	4-31.5	513207.059	3532192.396	3397.181	110° 51' 37.042" W	31° 55' 31.992" N
4030	4-30	513218.292	3532183.096	3397.837	110° 51' 36.615" W	31° 55' 31.689" N
4029	4-29	513225.459	3532177.605	3398.269	110° 51' 36.342" W	31° 55' 31.511" N
4028	4-28	513233.480	3532171.605	3398.798	110° 51' 36.037" W	31° 55' 31.315" N
4027	4-27	513241.441	3532165.365	3399.357	110° 51' 35.734" W	31° 55' 31.112" N
4026	4-26	513249.707	3532159.609	3400.049	110° 51' 35.42" W	31° 55' 30.925" N
4025	4-25	513257.466	3532153.755	3400.587	110° 51' 35.125" W	31° 55' 30.735" N
4024	4-24	513265.142	3532148.013	3401.021	110° 51' 34.833" W	31° 55' 30.548" N
4023	4-23	513273.247	3532141.541	3401.571	110° 51' 34.524" W	31° 55' 30.337" N
4022	4-22	513281.146	3532135.111	3401.971	110° 51' 34.224" W	31° 55' 30.128" N
4021	4-21	513289.014	3532129.559	3402.534	110° 51' 33.924" W	31° 55' 29.947" N
4020	4-20	513297.351	3532123.337	3403.125	110° 51' 33.607" W	31° 55' 29.745" N
4019	4-19	513305.552	3532117.388	3403.580	110° 51' 33.295" W	31° 55' 29.551" N
4018	4-18	513314.631	3532111.574	3403.976	110° 51' 32.95" W	31° 55' 29.362" N
4017	4-17	513321.478	3532106.149	3404.170	110° 51' 32.689" W	31° 55' 29.186" N
4016	4-16	513330.274	3532101.222	3404.589	110° 51' 32.354" W	31° 55' 29.025" N
4015	4-15	513338.320	3532095.321	3405.247	110° 51' 32.048" W	31° 55' 28.833" N
4014	4-14	513346.173	3532089.008	3405.744	110° 51' 31.75" W	31° 55' 28.628" N
4013	4-13	513354.038	3532082.804	3406.065	110° 51' 31.45" W	31° 55' 28.426" N
4012	4-12	513362.083	3532077.008	3406.322	110° 51' 31.144" W	31° 55' 28.237" N
4011	4-11	513370.197	3532071.056	3406.606	110° 51' 30.836" W	31° 55' 28.044" N
4010	4-10	513378.602	3532065.383	3406.997	110° 51' 30.516" W	31° 55' 27.859" N
4009	4-9	513387.088	3532059.394	3407.337	110° 51' 30.193" W	31° 55' 27.664" N
4008	4-8	513394.662	3532053.696	3407.548	110° 51' 29.905" W	31° 55' 27.479" N
4007	4-7	513402.785	3532047.955	3407.818	110° 51' 29.596" W	31° 55' 27.292" N
4006	4-6	513411.029	3532041.879	3408.195	110° 51' 29.282" W	31° 55' 27.094" N
4005	4-5	513418.916	3532036.286	3408.540	110° 51' 28.982" W	31° 55' 26.912" N
4004	4-4	513427.346	3532030.599	3408.990	110° 51' 28.661" W	31° 55' 26.727" N
4003	4-3	513435.382	3532025.025	3409.223	110° 51' 28.356" W	31° 55' 26.546" N
4002	4-2	513443.747	3532019.204	3409.493	110° 51' 28.037" W	31° 55' 26.357" N
4001	4-1	513451.389	3532013.375	3409.677	110° 51' 27.747" W	31° 55' 26.167" N
5060	5-60	513432.759	3531990.114	3409.587	110° 51' 28.457" W	31° 55' 25.412" N
5059	5-59	513424.500	3531995.877	3409.497	110° 51' 28.771" W	31° 55' 25.6" N
5058	5-58	513416.042	3532001.324	3409.174	110° 51' 29.093" W	31° 55' 25.777" N
5057	5-57	513408.580	3532006.662	3408.870	110° 51' 29.377" W	31° 55' 25.951" N
5056	5-56	513400.289	3532012.742	3408.534	110° 51' 29.693" W	31° 55' 26.149" N
5055	5-55	513392.610	3532018.523	3408.237	110° 51' 29.985" W	31° 55' 26.337" N
5054	5-54	513384.633	3532024.759	3407.820	110° 51' 30.288" W	31° 55' 26.54" N
5053	5-53	513377.010	3532030.243	3407.603	110° 51' 30.578" W	31° 55' 26.718" N
5052	5-52	513368.021	3532036.752	3407.328	110° 51' 30.92" W	31° 55' 26.93" N
5051	5-51	513360.240	3532042.588	3407.036	110° 51' 31.216" W	31° 55' 27.12" N
5050	5-50	513352.917	3532048.894	3406.761	110° 51' 31.495" W	31° 55' 27.325" N
5049	5-49	513345.148	3532053.758	3406.576	110° 51' 31.79" W	31° 55' 27.483" N
5048	5-48	513336.194	3532060.526	3406.068	110° 51' 32.131" W	31° 55' 27.703" N
5047	5-47	513328.356	3532066.282	3405.438	110° 51' 32.429" W	31° 55' 27.891" N
5046	5-46	513320.727	3532071.783	3405.212	110° 51' 32.719" W	31° 55' 28.07" N
5045	5-45	513312.989	3532077.787	3404.918	110° 51' 33.014" W	31° 55' 28.265" N
5044	5-44	513304.909	3532084.220	3404.409	110° 51' 33.321" W	31° 55' 28.474" N

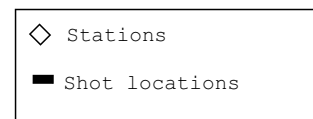
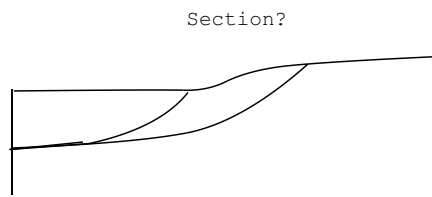
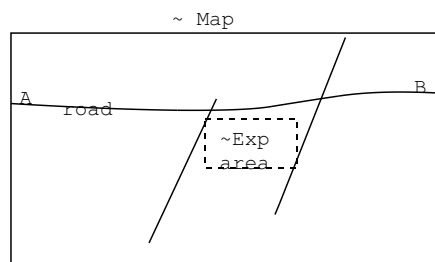
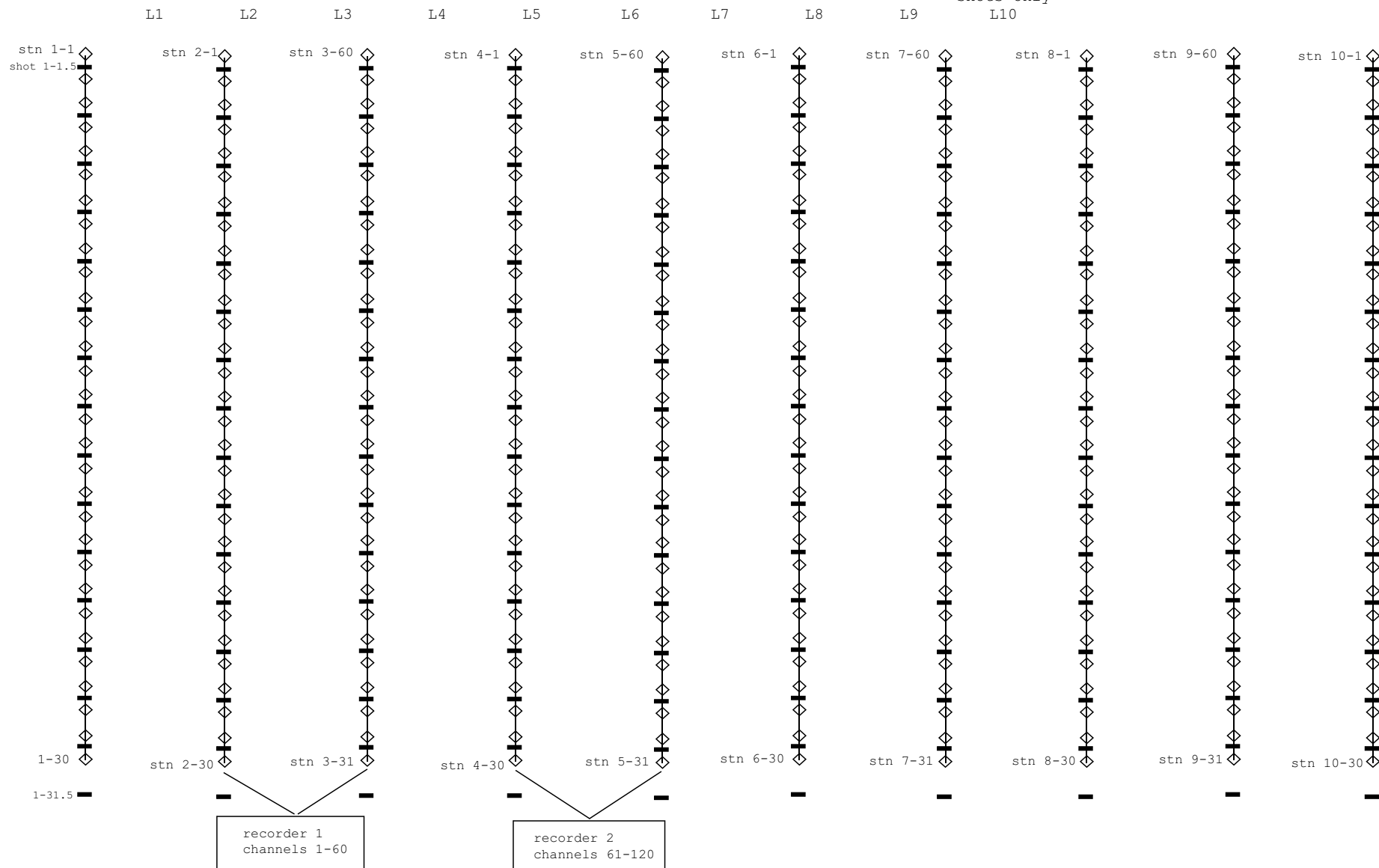
5043	5-43	513297.292	3532089.426	3403.992	110° 51' 33.611" W	31° 55' 28.644" N
5042	5-42	513288.903	3532095.350	3403.611	110° 51' 33.93" W	31° 55' 28.836" N
5041	5-41	513281.146	3532101.029	3403.213	110° 51' 34.225" W	31° 55' 29.021" N
5040	5-40	513272.899	3532107.106	3402.730	110° 51' 34.539" W	31° 55' 29.219" N
5039	5-39	513264.770	3532113.044	3402.154	110° 51' 34.848" W	31° 55' 29.412" N
5038	5-38	513256.656	3532118.869	3401.648	110° 51' 35.157" W	31° 55' 29.602" N
5037	5-37	513248.372	3532124.323	3401.491	110° 51' 35.472" W	31° 55' 29.779" N
5036	5-36	513240.221	3532130.483	3400.681	110° 51' 35.782" W	31° 55' 29.979" N
5035	5-35	513232.424	3532136.163	3400.050	110° 51' 36.079" W	31° 55' 30.164" N
5034	5-34	513224.165	3532141.952	3399.449	110° 51' 36.393" W	31° 55' 30.353" N
5033	5-33	513216.147	3532147.886	3398.963	110° 51' 36.698" W	31° 55' 30.546" N
5032	5-32	513208.006	3532155.367	3398.405	110° 51' 37.008" W	31° 55' 30.789" N
5031	5-31	513200.007	3532160.122	3397.809	110° 51' 37.312" W	31° 55' 30.944" N
5029	5-29.5	513188.780	3532167.701	3397.109	110° 51' 37.74" W	31° 55' 31.19" N
6031	6-31.5	513167.537	3532146.998	3397.240	110° 51' 38.55" W	31° 55' 30.519" N
6030	6-30	513179.376	3532137.273	3397.665	110° 51' 38.099" W	31° 55' 30.203" N
6029	6-29	513186.993	3532131.338	3398.081	110° 51' 37.809" W	31° 55' 30.009" N
6028	6-28	513195.162	3532125.309	3398.634	110° 51' 37.499" W	31° 55' 29.813" N
6027	6-27	513203.511	3532120.099	3399.134	110° 51' 37.181" W	31° 55' 29.644" N
6026	6-26	513212.379	3532113.324	3399.871	110° 51' 36.844" W	31° 55' 29.423" N
6025	6-25	513220.334	3532107.317	3400.297	110° 51' 36.541" W	31° 55' 29.228" N
6024	6-24	513228.023	3532101.670	3400.862	110° 51' 36.248" W	31° 55' 29.044" N
6023	6-23	513235.730	3532095.910	3401.426	110° 51' 35.955" W	31° 55' 28.857" N
6022	6-22	513243.328	3532089.710	3401.841	110° 51' 35.666" W	31° 55' 28.655" N
6021	6-21	513252.454	3532083.496	3402.588	110° 51' 35.319" W	31° 55' 28.453" N
6020	6-20	513259.527	3532078.336	3403.063	110° 51' 35.05" W	31° 55' 28.285" N
6019	6-19	513268.203	3532072.569	3403.537	110° 51' 34.72" W	31° 55' 28.097" N
6018	6-18	513277.806	3532066.337	3403.969	110° 51' 34.375" W	31° 55' 27.894" N
6017	6-17	513286.367	3532060.053	3404.401	110° 51' 34.029" W	31° 55' 27.69" N
6016	6-16	513294.064	3532054.053	3404.750	110° 51' 33.736" W	31° 55' 27.495" N
6015	6-15	513302.684	3532047.882	3405.265	110° 51' 33.408" W	31° 55' 27.294" N
6014	6-14	513310.825	3532042.442	3405.449	110° 51' 33.098" W	31° 55' 27.117" N
6013	6-13	513318.886	3532036.279	3405.774	110° 51' 32.791" W	31° 55' 26.916" N
6012	6-12	513326.044	3532029.526	3406.273	110° 51' 32.519" W	31° 55' 26.697" N
6011	6-11	513335.424	3532024.567	3406.618	110° 51' 32.162" W	31° 55' 26.535" N
6010	6-10	513343.128	3532018.978	3406.650	110° 51' 31.869" W	31° 55' 26.354" N
6009	6-9	513351.347	3532013.109	3406.928	110° 51' 31.556" W	31° 55' 26.163" N
6008	6-8	513359.051	3532007.506	3407.284	110° 51' 31.263" W	31° 55' 25.98" N
6007	6-7	513367.416	3532001.076	3407.817	110° 51' 30.945" W	31° 55' 25.771" N
6006	6-6	513375.269	3531995.972	3408.088	110° 51' 30.646" W	31° 55' 25.605" N
6005	6-5	513383.187	3531989.688	3408.488	110° 51' 30.345" W	31° 55' 25.401" N
6004	6-4	513391.021	3531984.663	3408.698	110° 51' 30.047" W	31° 55' 25.237" N
6003	6-3	513399.315	3531977.950	3409.123	110° 51' 29.731" W	31° 55' 25.019" N
6002	6-2	513407.801	3531971.881	3409.441	110° 51' 29.409" W	31° 55' 24.821" N
6001	6-1	513416.722	3531964.779	3409.599	110° 51' 29.069" W	31° 55' 24.59" N
7060	7-60	513398.107	3531941.420	3409.047	110° 51' 29.779" W	31° 55' 23.832" N
7059	7-59	513390.050	3531946.801	3408.594	110° 51' 30.086" W	31° 55' 24.007" N
7058	7-58	513381.585	3531952.124	3408.363	110° 51' 30.408" W	31° 55' 24.181" N
7057	7-57	513373.180	3531957.262	3408.147	110° 51' 30.728" W	31° 55' 24.348" N
7056	7-56	513364.554	3531963.698	3407.811	110° 51' 31.056" W	31° 55' 24.557" N
7055	7-55	513356.829	3531969.250	3407.537	110° 51' 31.35" W	31° 55' 24.738" N
7054	7-54	513348.730	3531975.643	3407.323	110° 51' 31.658" W	31° 55' 24.946" N
7053	7-53	513340.521	3531981.207	3407.054	110° 51' 31.97" W	31° 55' 25.127" N
7052	7-52	513332.208	3531986.955	3406.534	110° 51' 32.286" W	31° 55' 25.314" N
7051	7-51	513324.259	3531992.893	3406.322	110° 51' 32.589" W	31° 55' 25.507" N
7050	7-50	513315.835	3531999.075	3406.035	110° 51' 32.909" W	31° 55' 25.708" N
7049	7-49	513308.066	3532005.479	3405.727	110° 51' 33.205" W	31° 55' 25.917" N
7048	7-48	513299.707	3532011.035	3405.385	110° 51' 33.523" W	31° 55' 26.097" N
7047	7-47	513291.494	3532017.802	3405.102	110° 51' 33.835" W	31° 55' 26.318" N
7046	7-46	513283.244	3532023.497	3404.867	110° 51' 34.149" W	31° 55' 26.503" N
7045	7-45	513274.556	3532029.675	3404.617	110° 51' 34.48" W	31° 55' 26.704" N
7044	7-44	513266.582	3532036.060	3404.222	110° 51' 34.783" W	31° 55' 26.912" N
7043	7-43	513259.276	3532043.101	3403.862	110° 51' 35.061" W	31° 55' 27.141" N
7042	7-42	513250.116	3532049.119	3403.480	110° 51' 35.41" W	31° 55' 27.336" N
7041	7-41	513242.276	3532055.003	3402.906	110° 51' 35.708" W	31° 55' 27.528" N
7040	7-40	513234.516	3532060.740	3402.548	110° 51' 36.003" W	31° 55' 27.715" N
7039	7-39	513226.418	3532066.638	3401.949	110° 51' 36.311" W	31° 55' 27.906" N
7038	7-38	513218.087	3532072.329	3401.519	110° 51' 36.628" W	31° 55' 28.092" N
7037	7-37	513210.166	3532077.947	3400.939	110° 51' 36.93" W	31° 55' 28.274" N

7036	7-36	513202.298	3532083.918	3400.471	110° 51' 37.229" W	31° 55' 28.469" N
7035	7-35	513193.989	3532089.459	3399.816	110° 51' 37.545" W	31° 55' 28.649" N
7034	7-34	513186.102	3532095.616	3399.300	110° 51' 37.845" W	31° 55' 28.849" N
7033	7-33	513178.159	3532101.597	3398.636	110° 51' 38.147" W	31° 55' 29.044" N
7032	7-32	513170.498	3532107.990	3398.111	110° 51' 38.439" W	31° 55' 29.252" N
7031	7-31	513162.441	3532113.888	3397.661	110° 51' 38.745" W	31° 55' 29.444" N
7029	7-29.5	513150.634	3532121.300	3397.205	110° 51' 39.195" W	31° 55' 29.685" N
8031	8-31.5	513128.090	3532100.029	3396.878	110° 51' 40.054" W	31° 55' 28.995" N
8030	8-30	513141.499	3532091.319	3397.397	110° 51' 39.544" W	31° 55' 28.712" N
8029	8-29	513150.190	3532084.569	3397.817	110° 51' 39.213" W	31° 55' 28.492" N
8028	8-28	513158.213	3532078.460	3398.322	110° 51' 38.908" W	31° 55' 28.293" N
8027	8-27	513166.842	3532072.664	3399.275	110° 51' 38.58" W	31° 55' 28.105" N
8026	8-26	513174.983	3532066.398	3400.385	110° 51' 38.27" W	31° 55' 27.901" N
8025	8-25	513182.613	3532061.214	3400.733	110° 51' 37.98" W	31° 55' 27.732" N
8024	8-24	513191.052	3532055.057	3401.172	110° 51' 37.659" W	31° 55' 27.532" N
8023	8-23	513199.414	3532049.814	3401.583	110° 51' 37.34" W	31° 55' 27.361" N
8022	8-22	513207.500	3532043.869	3402.042	110° 51' 37.033" W	31° 55' 27.168" N
8021	8-21	513215.104	3532037.323	3402.468	110° 51' 36.744" W	31° 55' 26.955" N
8020	8-20	513223.016	3532032.149	3402.728	110° 51' 36.442" W	31° 55' 26.786" N
8019	8-19	513231.232	3532026.477	3403.312	110° 51' 36.13" W	31° 55' 26.602" N
8018	8-18	513239.420	3532020.943	3403.638	110° 51' 35.818" W	31° 55' 26.422" N
8017	8-17	513248.328	3532014.357	3403.957	110° 51' 35.479" W	31° 55' 26.207" N
8016	8-16	513256.079	3532008.073	3404.236	110° 51' 35.185" W	31° 55' 26.003" N
8015	8-15	513264.509	3532002.084	3404.563	110° 51' 34.864" W	31° 55' 25.808" N
8014	8-14	513272.573	3531995.651	3404.969	110° 51' 34.557" W	31° 55' 25.599" N
8013	8-13	513279.836	3531989.772	3405.153	110° 51' 34.281" W	31° 55' 25.408" N
8012	8-12	513288.754	3531984.383	3405.433	110° 51' 33.941" W	31° 55' 25.232" N
8011	8-11	513295.536	3531978.787	3405.651	110° 51' 33.683" W	31° 55' 25.05" N
8010	8-10	513305.009	3531972.118	3405.939	110° 51' 33.323" W	31° 55' 24.833" N
8009	8-9	513313.340	3531965.943	3406.245	110° 51' 33.006" W	31° 55' 24.632" N
8008	8-8	513321.314	3531961.420	3406.476	110° 51' 32.703" W	31° 55' 24.485" N
8007	8-7	513329.551	3531955.049	3406.802	110° 51' 32.389" W	31° 55' 24.278" N
8006	8-6	513337.209	3531947.998	3407.006	110° 51' 32.098" W	31° 55' 24.048" N
8005	8-5	513345.279	3531943.144	3407.334	110° 51' 31.791" W	31° 55' 23.89" N
8004	8-4	513352.977	3531937.275	3407.675	110° 51' 31.498" W	31° 55' 23.7" N
8003	8-3	513362.589	3531931.850	3407.929	110° 51' 31.132" W	31° 55' 23.523" N
8002	8-2	513369.378	3531924.592	3407.767	110° 51' 30.874" W	31° 55' 23.287" N
8001	8-1	513378.866	3531918.959	3407.955	110° 51' 30.513" W	31° 55' 23.104" N
9060	9-60	513359.436	3531894.850	3407.056	110° 51' 31.254" W	31° 55' 22.321" N
9059	9-59	513350.708	3531901.061	3406.785	110° 51' 31.586" W	31° 55' 22.523" N
9058	9-58	513342.721	3531907.134	3406.648	110° 51' 31.89" W	31° 55' 22.721" N
9057	9-57	513334.512	3531912.992	3406.475	110° 51' 32.202" W	31° 55' 22.912" N
9056	9-56	513325.973	3531918.220	3406.276	110° 51' 32.527" W	31° 55' 23.082" N
9055	9-55	513318.945	3531924.100	3406.119	110° 51' 32.795" W	31° 55' 23.273" N
9054	9-54	513310.583	3531930.129	3405.974	110° 51' 33.113" W	31° 55' 23.469" N
9053	9-53	513302.218	3531936.155	3405.965	110° 51' 33.431" W	31° 55' 23.665" N
9052	9-52	513294.595	3531941.671	3405.771	110° 51' 33.721" W	31° 55' 23.845" N
9051	9-51	513285.585	3531948.260	3405.348	110° 51' 34.064" W	31° 55' 24.059" N
9050	9-50	513278.523	3531953.925	3405.153	110° 51' 34.333" W	31° 55' 24.243" N
9049	9-49	513270.313	3531959.561	3404.970	110° 51' 34.645" W	31° 55' 24.427" N
9048	9-48	513261.405	3531965.583	3404.784	110° 51' 34.984" W	31° 55' 24.623" N
9047	9-47	513252.953	3531971.685	3404.560	110° 51' 35.305" W	31° 55' 24.821" N
9046	9-46	513246.562	3531977.761	3404.270	110° 51' 35.548" W	31° 55' 25.019" N
9045	9-45	513237.626	3531983.408	3404.014	110° 51' 35.888" W	31° 55' 25.203" N
9044	9-44	513229.401	3531989.466	3403.516	110° 51' 36.201" W	31° 55' 25.4" N
9043	9-43	513222.479	3531995.604	3403.208	110° 51' 36.465" W	31° 55' 25.599" N
9042	9-42	513212.556	3532001.160	3402.731	110° 51' 36.842" W	31° 55' 25.78" N
9041	9-41	513204.449	3532007.720	3402.304	110° 51' 37.151" W	31° 55' 25.994" N
9040	9-40	513196.903	3532013.549	3402.003	110° 51' 37.438" W	31° 55' 26.183" N
9039	9-39	513188.827	3532019.851	3401.646	110° 51' 37.745" W	31° 55' 26.388" N
9038	9-38	513180.452	3532026.011	3401.182	110° 51' 38.064" W	31° 55' 26.589" N
9037	9-37	513172.031	3532032.226	3400.708	110° 51' 38.384" W	31° 55' 26.791" N
9036	9-36	513163.691	3532038.295	3400.120	110° 51' 38.701" W	31° 55' 26.988" N
9035	9-35	513154.935	3532045.255	3399.410	110° 51' 39.034" W	31° 55' 27.215" N
9034	9-34	513147.799	3532050.862	3398.751	110° 51' 39.306" W	31° 55' 27.397" N
9033	9-33	513139.456	3532056.465	3398.166	110° 51' 39.623" W	31° 55' 27.58" N
9032	9-32	513131.672	3532062.549	3397.697	110° 51' 39.92" W	31° 55' 27.778" N
9031	9-31	513123.251	3532068.156	3397.310	110° 51' 40.24" W	31° 55' 27.96" N
9029	9-29.5	513110.413	3532077.707	3396.530	110° 51' 40.728" W	31° 55' 28.271" N

1031	10-31.5	513089.635	3532055.501	3396.605	110° 51' 41.521" W	31° 55' 27.55" N
1030	10-30	513102.389	3532046.147	3397.084	110° 51' 41.035" W	31° 55' 27.246" N
1029	10-29	513111.207	3532039.292	3397.597	110° 51' 40.7" W	31° 55' 27.023" N
1028	10-28	513118.675	3532034.260	3398.223	110° 51' 40.416" W	31° 55' 26.859" N
1027	10-27	513128.149	3532027.267	3398.801	110° 51' 40.055" W	31° 55' 26.632" N
1026	10-26	513134.564	3532022.405	3399.502	110° 51' 39.811" W	31° 55' 26.474" N
1025	10-25	513142.302	3532015.536	3399.788	110° 51' 39.517" W	31° 55' 26.25" N
1024	10-24	513150.478	3532009.085	3400.175	110° 51' 39.206" W	31° 55' 26.04" N
1023	10-23	513159.079	3532003.030	3400.614	110° 51' 38.879" W	31° 55' 25.843" N
1022	10-22	513167.149	3531997.209	3400.954	110° 51' 38.572" W	31° 55' 25.654" N
1021	10-21	513175.377	3531991.285	3401.335	110° 51' 38.259" W	31° 55' 25.461" N
1020	10-20	513183.472	3531985.289	3401.737	110° 51' 37.951" W	31° 55' 25.266" N
1019	10-19	513192.762	3531979.154	3402.167	110° 51' 37.597" W	31° 55' 25.066" N
1018	10-18	513202.881	3531971.961	3402.886	110° 51' 37.212" W	31° 55' 24.832" N
1017	10-17	513210.287	3531966.150	3403.147	110° 51' 36.93" W	31° 55' 24.643" N
1016	10-16	513217.938	3531959.583	3403.553	110° 51' 36.639" W	31° 55' 24.43" N
1015	10-15	513226.191	3531953.747	3403.864	110° 51' 36.325" W	31° 55' 24.24" N
1014	10-14	513234.159	3531947.958	3404.051	110° 51' 36.022" W	31° 55' 24.051" N
1013	10-13	513242.757	3531943.497	3404.672	110° 51' 35.695" W	31° 55' 23.906" N
1012	10-12	513250.451	3531936.671	3404.545	110° 51' 35.402" W	31° 55' 23.684" N
1011	10-11	513258.826	3531930.897	3404.533	110° 51' 35.084" W	31° 55' 23.496" N
1010	10-10	513266.207	3531924.857	3404.780	110° 51' 34.803" W	31° 55' 23.3" N
1009	10-9	513274.969	3531919.585	3404.944	110° 51' 34.47" W	31° 55' 23.128" N
1008	10-8	513282.825	3531913.552	3405.165	110° 51' 34.171" W	31° 55' 22.932" N
1007	10-7	513290.759	3531907.501	3405.301	110° 51' 33.869" W	31° 55' 22.735" N
1006	10-6	513298.997	3531901.691	3405.542	110° 51' 33.555" W	31° 55' 22.546" N
1005	10-5	513307.070	3531895.778	3405.647	110° 51' 33.248" W	31° 55' 22.354" N
1004	10-4	513315.152	3531889.949	3405.830	110° 51' 32.941" W	31° 55' 22.164" N
1003	10-3	513323.359	3531884.368	3406.010	110° 51' 32.629" W	31° 55' 21.982" N
1002	10-2	513331.221	3531878.783	3406.136	110° 51' 32.329" W	31° 55' 21.801" N
1001	10-1	513339.739	3531872.736	3406.277	110° 51' 32.005" W	31° 55' 21.604" N

Line 1
shots only

Line 10
shots only



Santa Rita 3D basemap

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