15:36:13, Thu Dec 06, 2012

INI file: C:\WINNT\GEOLAB.INI
Input file: O:\1121109\G~B!KAL3\SURVEY\GEO\C.IOB
Output file: O:\1121109\G~B!KAL3\SURVEY\GEO\C.LST

Geoid File: C:\GEOLAB2\G2009U06.GEO

PARAMETERS		OBSERVATIONS	
Description	Number	Description	Number
No. of Stations	127	Directions	0
Coord Parameters	359	Distances	0
Free Latitudes	119	Azimuths	0
Free Longitudes	119	Vertical Angles	0
Free Heights	121	Zenithal Angles	0
Fixed Coordinates	22	Angles	0
Astro. Latitudes	0	Heights	0
Astro. Longitudes	0	Height Differences	0
Geoid Records	0	Auxiliary Params.	0
All Aux. Pars.	0	2-D Coords.	0
Direction Pars.	0	2-D Coord. Diffs.	0
Scale Parameters	0	3-D Coords.	0
Constant Pars.	0	3-D Coord. Diffs.	795
Rotation Pars.	0		
Translation Pars.	0		
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Total Parameters	359	Total Observations	795
Degrees of Freedom = 436			

SUMMARY OF SELECTED OPTIONS

OPTION	SELECTION
Computation Mode	Adjustment
Maximum Iterations	5
Convergence Criterion	0.00100
Confidence Level for Statistics	95.000
Covariance Matrix Computation	Connected Portion Only
Residual Rejection Criterion	Tau Max
Confidence Region Types	3D Station Relative
Relative Confidence Regions	Connected Only
Variance Factor (VF) Known	Yes
CMULT (Multiply Parm Cov With VF)	Yes
RMULT (Multiply Res Cov With VF)	No
Force Convergence in Max Iters	Yes
Distances Affect 3D	No
Full Inverse Computed	No
Normals Reordered	Yes
Coordinates Generated	No
Geoid Interpolation Method	Bi-Linear

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING STD DEV	EASTING STD DEV	O-HEIGHT STD DEV	MAPPROJ
NEO	000	1	4249087.393	303544.968	310.826	UTM 15
			0.012	0.010	0.013	
SFMC		1	1.00007532	-1 23 46.634717	UTM 15	
NEO	000	10	4187561.637	285485.461	297.587	UTM 15
			0.007	0.005	0.018	
SFMC		10	1.00016681	-1 29 40.101486	UTM 15	
NEO	000	1001	4156117.107	295042.111	301.231	UTM 15
			0.005	0.004	0.014	
SFMC		1001	1.00011746	-1 24 48.498856	UTM 15	
NEO	000	101	4249078.139	303527.888	310.153	UTM 15
			0.012	0.010	0.011	
SFMC		101	1.00007541	-1 23 47.056296	UTM 15	
NEO	000	102	4249083.370	309872.248	270.755	UTM 15
			0.012	0.011	0.015	
SFMC		102	1.00004520	-1 21 4.892112	UTM 15	
NEO	000	103	4248446.597	314431.454	274.506	UTM 15
			0.013	0.011	0.016	
SFMC		103	1.00002410	-1 19 7.366266	UTM 15	
NEO	000	104	4244856.828	310491.012	283.860	UTM 15
			0.013	0.011	0.016	
SFMC		104	1.00004231	-1 20 42.468064	UTM 15	
NEO	000	105	4240685.689	307575.767	303.490	UTM 15
			0.013	0.011	0.015	
SFMC		105	1.00005602	-1 21 50.274682	UTM 15	
NEO	000	106	4240209.348	302959.956	327.900	UTM 15
			0.013	0.011	0.017	
SFMC		106	1.00007817	-1 23 47.168247	UTM 15	
NEO	000	107	4237103.341	297634.873	312.310	UTM 15
			0.011	0.009	0.011	
SFMC		107	1.00010437	-1 25 57.710890	UTM 15	
NEO	000	108	4236918.484	297822.643	306.126	UTM 15
			0.013	0.011	0.018	
SFMC		108	1.00010343	-1 25 52.622860	UTM 15	
NEO	000	109	4242044.503	296850.198	306.981	UTM 15
			0.012	0.011	0.015	
SFMC		109	1.00010828	-1 26 25.951622	UTM 15	
NEO	000	11	4172854.604	301408.259	319.050	UTM 15
			0.005	0.004	0.013	
SFMC		11	1.00008580	-1 22 37.480381	UTM 15	
NEO	000	110	4242115.856	287979.136	298.512	UTM 15
			0.020	0.015	0.045	
SFMC		110	1.00015365	-1 30 12.270290	UTM 15	
NEO	000	111	4244207.708	287129.747	305.393	UTM 15
			0.014	0.011	0.022	
SFMC		111	1.00015809	-1 30 37.595324	UTM 15	
NEO	000	112	4233398.952	303154.646	335.935	UTM 15
			0.012	0.010	0.017	
SFMC		112	1.00007723	-1 23 31.177005	UTM 15	
NEO	000	113	4220758.239	294082.148	333.305	UTM 15
			0.010	0.008	0.010	
SFMC		113	1.00012225	-1 27 0.524598	UTM 15	
NEO	000	114	4219019.884	298394.817	331.764	UTM 15

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING / STD DEV	EASTING / STD DEV	O-HEIGHT / STD DEV	MAPPROJ
			0.010	0.009	0.012	
SFMC		114	1.00010060	-1 25 8.434919	UTM 15	
NEO	000	115	4230283.426	303804.623	311.648	UTM 15
			0.011	0.010	0.015	
SFMC		115	1.00007409	-1 23 9.624403	UTM 15	
NEO	000	116	4231557.162	311927.021	315.928	UTM 15
			0.012	0.010	0.016	
SFMC		116	1.00003564	-1 19 45.221548	UTM 15	
NEO	000	117	4232078.795	294065.504	306.051	UTM 15
			0.012	0.010	0.015	
SFMC		117	1.00012232	-1 27 20.075359	UTM 15	
NEO	000	118	4229132.269	281417.396	336.591	UTM 15
			0.012	0.011	0.019	
SFMC		118	1.00018846	-1 32 36.226898	UTM 15	
NEO	000	119	4223562.889	309035.414	355.450	UTM 15
			0.011	0.009	0.015	
SFMC		119	1.00004915	-1 20 46.191760	UTM 15	
NEO	000	12	4155989.617	299388.121	272.544	UTM 15
			0.005	0.004	0.014	
SFMC		12	1.00009575	-1 23 0.507772	UTM 15	
NEO	000	120	4217557.261	311016.035	323.438	UTM 15
			0.015	0.012	0.028	
SFMC		120	1.00003988	-1 19 46.675258	UTM 15	
NEO	000	121	4224189.842	285775.722	325.122	UTM 15
			0.012	0.010	0.018	
SFMC		121	1.00016524	-1 30 36.889051	UTM 15	
NEO	000	122	4217361.369	283911.160	311.094	UTM 15
			0.015	0.014	0.026	
SFMC		122	1.00017513	-1 31 12.062865	UTM 15	
NEO	000	123	4209737.760	282077.728	310.668	UTM 15
			0.013	0.011	0.021	
SFMC		123	1.00018494	-1 31 44.845719	UTM 15	
NEO	000	124	4210408.116	288552.013	324.918	UTM 15
			0.013	0.011	0.021	
SFMC		124	1.00015069	-1 29 2.654866	UTM 15	
NEO	000	125	4204560.888	294818.301	314.949	UTM 15
			0.008	0.006	0.016	
SFMC		125	1.00011854	-1 26 14.703347	UTM 15	
NEO	000	126	4208854.146	299767.181	313.887	UTM 15
			0.012	0.009	0.023	
SFMC		126	1.00009382	-1 24 17.045361	UTM 15	
NEO	000	127	4210633.571	306283.253	326.108	UTM 15
			0.013	0.010	0.028	
SFMC		127	1.00006220	-1 21 35.458821	UTM 15	
NEO	000	128	4210637.450	309262.257	325.175	UTM 15
			0.012	0.010	0.021	
SFMC		128	1.00004809	-1 20 20.254356	UTM 15	
NEO	000	129	4199651.963	297834.507	313.964	UTM 15
			0.009	0.007	0.020	
SFMC		129	1.00010341	-1 24 50.621146	UTM 15	
NEO	000	13	4173161.304	280496.209	293.575	UTM 15
			0.012	0.009	0.028	

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING STD DEV	EASTING STD DEV	O-HEIGHT STD DEV	MAPPROJ
SFMC		13	1.00019350	-1 31 19.433096		UTM 15
NEO	000	130	4201061.337	304551.790	323.067	UTM 15
			0.010	0.008	0.022	
SFMC		130	1.00007051	-1 22 3.895287		UTM 15
NEO	000	131	4199130.065	309257.846	338.005	UTM 15
			0.011	0.008	0.025	
SFMC		131	1.00004812	-1 20 2.447114		UTM 15
NEO	000	132	4193088.997	300982.551	328.305	UTM 15
			0.009	0.007	0.020	
SFMC		132	1.00008786	-1 23 20.794851		UTM 15
NEO	000	133	4193256.537	294550.051	316.008	UTM 15
			0.009	0.007	0.019	
SFMC		133	1.00011991	-1 26 2.531401		UTM 15
NEO	000	134	4188451.429	293686.124	308.455	UTM 15
			0.006	0.004	0.015	
SFMC		134	1.00012430	-1 26 16.151547		UTM 15
NEO	000	135	4199258.558	291462.279	294.504	UTM 15
			0.010	0.008	0.023	
SFMC		135	1.00013565	-1 27 30.227980		UTM 15
NEO	000	136	4200313.292	288366.911	292.630	UTM 15
			0.009	0.007	0.020	
SFMC		136	1.00015167	-1 28 49.887017		UTM 15
NEO	000	137	4200802.904	281827.991	299.243	UTM 15
			0.011	0.010	0.028	
SFMC		137	1.00018629	-1 31 35.235379		UTM 15
NEO	000	138	4194725.972	285657.854	288.424	UTM 15
			0.008	0.006	0.018	
SFMC		138	1.00016589	-1 29 48.274714		UTM 15
NEO	000	139	4185003.074	303298.979	307.701	UTM 15
			0.010	0.007	0.021	
SFMC		139	1.00007658	-1 22 9.714446		UTM 15
NEO	000	14	4149428.891	309766.588	261.929	UTM 15
			0.010	0.007	0.022	
SFMC		14	1.00004578	-1 18 33.032869		UTM 15
NEO	000	140	4184889.202	310524.014	321.873	UTM 15
			0.011	0.009	0.024	
SFMC		140	1.00004221	-1 19 8.638612		UTM 15
NEO	000	141	4180271.760	300037.892	286.048	UTM 15
			0.011	0.008	0.026	
SFMC		141	1.00009252	-1 23 23.677766		UTM 15
NEO	000	142	4173098.367	293844.824	301.947	UTM 15
			0.003	0.002	0.009	
SFMC		142	1.00012351	-1 25 46.489663		UTM 15
NEO	000	143	4183708.118	288834.457	304.909	UTM 15
			0.007	0.006	0.020	
SFMC		143	1.00014925	-1 28 9.595318		UTM 15
NEO	000	144	4186538.305	285724.349	288.908	UTM 15
			0.008	0.006	0.022	
SFMC		144	1.00016555	-1 29 32.335310		UTM 15
NEO	000	145	4193428.832	284375.474	304.904	UTM 15
			0.010	0.009	0.028	
SFMC		145	1.00017269	-1 30 18.196116		UTM 15

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING STD DEV	EASTING STD DEV	O-HEIGHT STD DEV	MAPPROJ
NEO	000	146	4165732.183	299609.443	274.323	UTM 15
			0.009	0.009	0.024	
SFMC		146	1.00009464	-1 23 10.786966		UTM 15
NEO	000	147	4172892.191	301418.999	318.461	UTM 15
			0.005	0.004	0.013	
SFMC		147	1.00008574	-1 22 37.273017		UTM 15
NEO	000	148	4173677.640	309480.110	309.538	UTM 15
			0.012	0.006	0.020	
SFMC		148	1.00004710	-1 19 17.446195		UTM 15
NEO	000	149	4163836.985	309264.978	297.912	UTM 15
			0.009	0.006	0.023	
SFMC		149	1.00004812	-1 19 7.623621		UTM 15
NEO	000	15	4151861.871	281583.785	319.320	UTM 15
			0.008	0.006	0.020	
SFMC		15	1.00018766	-1 30 14.735846		UTM 15
NEO	000	150	4160744.753	301650.037	273.774	UTM 15
			0.006	0.005	0.016	
SFMC		150	1.00008463	-1 22 12.023056		UTM 15
NEO	000	151	4156115.858	295035.505	301.191	UTM 15
			0.007	0.005	0.017	
SFMC		151	1.00011749	-1 24 48.660630		UTM 15
NEO	000	152	4164066.732	295541.133	280.958	UTM 15
			0.009	0.006	0.020	
SFMC		152	1.00011494	-1 24 49.247677		UTM 15
NEO	000	153	4173328.660	284244.242	279.687	UTM 15
			0.007	0.005	0.018	
SFMC		153	1.00017341	-1 29 46.278488		UTM 15
NEO	000	154	4177532.321	278979.480	302.852	UTM 15
			0.009	0.007	0.023	
SFMC		154	1.00020173	-1 32 5.075281		UTM 15
NEO	000	155	4167698.907	283141.722	293.976	UTM 15
			0.008	0.006	0.019	
SFMC		155	1.00017929	-1 30 3.887223		UTM 15
NEO	000	156	4138375.539	294387.762	280.699	UTM 15
			0.007	0.006	0.017	
SFMC		156	1.00012079	-1 24 35.361126		UTM 15
NEO	000	157	4156014.055	299446.003	270.367	UTM 15
			0.007	0.005	0.017	
SFMC		157	1.00009546	-1 22 59.111788		UTM 15
NEO	000	158	4150711.122	304151.002	273.529	UTM 15
			0.008	0.006	0.019	
SFMC		158	1.00007249	-1 20 54.045900		UTM 15
NEO	000	159	4150624.028	309410.533	262.258	UTM 15
			0.008	0.006	0.018	
SFMC		159	1.00004745	-1 18 43.680946		UTM 15
NEO	000	16	4134903.820	304003.757	278.689	UTM 15
			0.008	0.007	0.020	
SFMC		16	1.00007322	-1 20 32.775588		UTM 15
NEO	000	160	4154296.026	308540.569	273.473	UTM 15
			0.008	0.006	0.018	
SFMC		160	1.00005154	-1 19 10.889432		UTM 15
NEO	000	161	4144609.215	304985.779	278.439	UTM 15

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING / STD DEV	EASTING / STD DEV	O-HEIGHT / STD DEV	MAPPROJ
			0.014	0.011	0.034	
SFMC		161	1.00006848	-1 20 23.795656		UTM 15
NEO	000	162	4144819.730	295922.180	283.966	UTM 15
			0.007	0.006	0.018	
SFMC		162	1.00011304	-1 24 8.098817		UTM 15
NEO	000	163	4149841.212	291733.300	302.710	UTM 15
			0.006	0.005	0.015	
SFMC		163	1.00013431	-1 26 0.019209		UTM 15
NEO	000	164	4145108.950	284596.789	298.244	UTM 15
			0.011	0.010	0.030	
SFMC		164	1.00017157	-1 28 48.419228		UTM 15
NEO	000	165	4151865.554	281463.885	318.331	UTM 15
			0.008	0.006	0.020	
SFMC		165	1.00018831	-1 30 17.711079		UTM 15
NEO	000	166	4161337.380	280191.734	300.678	UTM 15
			0.012	0.007	0.025	
SFMC		166	1.00019517	-1 31 6.004680		UTM 15
NEO	000	167	4159505.363	287894.820	290.949	UTM 15
			0.010	0.007	0.023	
SFMC		167	1.00015418	-1 27 51.540967		UTM 15
NEO	000	168	4134924.994	303988.483	278.365	UTM 15
			0.009	0.008	0.024	
SFMC		168	1.00007329	-1 20 33.185155		UTM 15
NEO	000	169	4133939.574	311601.778	256.986	UTM 15
			0.009	0.008	0.022	
SFMC		169	1.00003724	-1 17 24.144360		UTM 15
NEO	000	17	4135281.050	286273.792	283.533	UTM 15
			0.008	0.007	0.020	
SFMC		17	1.00016271	-1 27 50.105295		UTM 15
NEO	000	170	4138528.632	286383.534	289.786	UTM 15
			0.008	0.007	0.020	
SFMC		170	1.00016213	-1 27 52.972859		UTM 15
NEO	000	171	4135366.410	277815.765	274.696	UTM 15
			0.011	0.009	0.026	
SFMC		171	1.00020814	-1 31 18.556737		UTM 15
NEO	000	172	4128463.504	284926.534	292.164	UTM 15
			0.014	0.014	0.040	
SFMC		172	1.00016984	-1 28 11.527396		UTM 15
NEO	000	173	4125430.684	293763.280	268.896	UTM 15
			0.009	0.008	0.025	
SFMC		173	1.00012397	-1 24 29.346336		UTM 15
NEO	000	174	4122073.188	295623.854	279.603	UTM 15
			0.008	0.006	0.018	
SFMC		174	1.00011456	-1 23 38.169214		UTM 15
NEO	000	175	4122641.642	306107.250	262.624	UTM 15
			0.011	0.009	0.026	
SFMC		175	1.00006312	-1 19 21.901931		UTM 15
NEO	000	176	4139688.100	308952.445	265.365	UTM 15
			0.008	0.007	0.022	
SFMC		176	1.00004962	-1 18 38.211204		UTM 15
NEO	000	177	4135288.377	301883.606	276.173	UTM 15
			0.009	0.008	0.023	

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING STD DEV	EASTING STD DEV	O-HEIGHT STD DEV	MAPPROJ
SFMC		177	1.00008351	-1 21 25.612118		UTM 15
NEO	000	178	4133331.441	297796.848	268.460	UTM 15
			0.010	0.008	0.023	
SFMC		178	1.00010367	-1 23 3.111910		UTM 15
NEO	000	179	4119025.318	295493.816	279.424	UTM 15
			0.009	0.007	0.020	
SFMC		179	1.00011522	-1 23 36.372724		UTM 15
NEO	000	18	4122052.301	297247.837	284.301	UTM 15
			0.012	0.010	0.030	
SFMC		18	1.00010642	-1 22 58.303057		UTM 15
NEO	000	180	4105903.824	295140.956	272.914	UTM 15
			0.008	0.006	0.018	
SFMC		180	1.00011702	-1 23 23.557491		UTM 15
NEO	000	181	4106483.722	290303.271	288.474	UTM 15
			0.009	0.007	0.019	
SFMC		181	1.00014172	-1 25 22.552812		UTM 15
NEO	000	182	4119794.450	286557.482	249.259	UTM 15
			0.011	0.008	0.025	
SFMC		182	1.00016124	-1 27 16.635272		UTM 15
NEO	000	183	4114202.560	282410.127	243.827	UTM 15
			0.010	0.008	0.023	
SFMC		183	1.00018327	-1 28 48.540958		UTM 15
NEO	000	184	4109540.463	277512.607	230.913	UTM 15
			0.010	0.008	0.023	
SFMC		184	1.00020983	-1 30 40.046368		UTM 15
NEO	000	185	4099812.186	284880.175	270.102	UTM 15
			0.011	0.009	0.025	
SFMC		185	1.00017012	-1 27 23.443011		UTM 15
NEO	000	186	4103379.023	303411.083	270.572	UTM 15
			0.009	0.007	0.020	
SFMC		186	1.00007611	-1 19 57.813120		UTM 15
NEO	000	187	4102398.725	309754.613	263.759	UTM 15
			0.003	0.002	0.006	
SFMC		187	1.00004588	-1 17 21.657375		UTM 15
NEO	000	188	4115637.375	311355.581	272.841	UTM 15
			0.012	0.009	0.027	
SFMC		188	1.00003840	-1 17 2.557977		UTM 15
NEO	000	189	4113824.445	300273.417	260.817	UTM 15
			0.009	0.007	0.019	
SFMC		189	1.00009142	-1 21 30.953115		UTM 15
NEO	000	19	4103244.216	282152.772	261.404	UTM 15
			0.010	0.008	0.022	
SFMC		19	1.00018466	-1 28 35.795121		UTM 15
NEO	000	190	4113261.034	296722.727	277.708	UTM 15
			0.009	0.008	0.021	
SFMC		190	1.00010905	-1 22 56.897229		UTM 15
NEO	000	2	4248633.528	314299.342	273.495	UTM 15
			0.015	0.012	0.023	
SFMC		2	1.00002470	-1 19 11.029413		UTM 15
NEO	000	20	4103064.726	303399.338	272.629	UTM 15
			0.010	0.008	0.024	
SFMC		20	1.00007617	-1 19 57.607167		UTM 15

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING STD DEV	EASTING STD DEV	O-HEIGHT STD DEV	MAPPROJ
NEO	000	3	4244097.913	287200.398	304.610	UTM 15
			0.014	0.011	0.025	
SFMC		3	1.00015772	-1 30 35.600241		UTM 15
NEO	000	4	4217558.141	310939.423	323.809	UTM 15
			0.012	0.010	0.020	
SFMC		4	1.00004024	-1 19 48.615266		UTM 15
NEO	000	5	4217777.750	283939.525	314.111	UTM 15
			0.011	0.009	0.015	
SFMC		5	1.00017497	-1 31 12.081986		UTM 15
NEO	000	6	4204760.016	288372.047	294.777	UTM 15
			0.014	0.012	0.025	
SFMC		6	1.00015164	-1 28 57.434302		UTM 15
NEO	000	7	4207650.024	299732.091	313.837	UTM 15
			0.012	0.009	0.021	
SFMC		7	1.00009400	-1 24 15.960580		UTM 15
NEO	000	8	4199316.663	308931.568	338.692	UTM 15
			0.011	0.008	0.024	
SFMC		8	1.00004966	-1 20 10.944832		UTM 15
NEO	001	801.25	4100986.301	314751.238	244.965	UTM 15
			0.009	0.005	0.000	
SFMC		801.25	1.00002277	-1 15 17.772908		UTM 15
NEO	000	9	4184978.671	303305.497	308.074	UTM 15
			0.011	0.008	0.023	
SFMC		9	1.00007655	-1 22 9.512264		UTM 15
NEO	111	CHETOPA	4096891.796	314423.980	252.499	UTM 15
			0.000	0.000	0.000	
SFMC		CHETOPA	1.00002427	-1 15 19.698677		UTM 15
NEO	001	D 274	4248040.377	312109.550	281.214	UTM 15
			0.013	0.011	0.000	
SFMC		D 274	1.00003478	-1 20 6.082075		UTM 15
NEO	000	F 246	4161162.020	301846.130	275.573	UTM 15
			0.008	0.006	0.019	
SFMC		F 246	1.00008367	-1 22 7.819968		UTM 15
NEO	001	K 56	4231297.003	312215.144	314.401	UTM 15
			0.015	0.014	0.000	
SFMC		K 56	1.00003431	-1 19 37.496117		UTM 15
NEO	110	KINNE	4164345.750	299592.745	306.789	UTM 15
			0.000	0.000	0.014	
SFMC		KINNE	1.00009473	-1 23 8.956064		UTM 15
NEO	110	KST6	4326094.857	236975.934	334.631	UTM 15
			0.000	0.000	0.050	
SFMC		KST6	1.00045195	-1 54 55.816427		UTM 15
NEO	111	M 55	4168881.432	307748.034	296.200	UTM 15
			0.000	0.000	0.000	
SFMC		M 55	1.00005528	-1 19 53.189709		UTM 15
NEO	110	MOBT	4235302.005	378093.848	262.554	UTM 15
			0.000	0.000	0.028	
SFMC		MOBT	0.99978302	0-51 46.306084		UTM 15
NEO	110	MOCA	4115431.282	379487.320	301.056	UTM 15
			0.000	0.000	0.033	
SFMC		MOCA	0.99977891	0-49 13.652987		UTM 15
NEO	110	MONE	4191778.684	381294.970	253.874	UTM 15

Adjusted NEO Coordinates:

CODE	FFF	STATION	NORTHING / STD DEV	EASTING / STD DEV	O-HEIGHT / STD DEV	MAPPROJ
			0.000	0.000	0.030	
SFMC		MONE	0.99977355	0-49 42.480800		UTM 15
NEO	000	NAIL	4122086.329	295645.668	279.932	UTM 15
			0.009	0.007	0.021	
SFMC		NAIL	1.00011445	-1 23 37.655682		UTM 15
NEO	001	P 277	4216997.987	297528.238	319.950	UTM 15
			0.011	0.009	0.000	
SFMC		P 277	1.00010492	-1 25 27.017011		UTM 15
NEO	000	PARSONS	4135599.902	299543.181	277.066	UTM 15
			0.009	0.007	0.022	
SFMC		PARSONS	1.00009500	-1 22 23.769536		UTM 15
NEO	000	REBAR	4138353.537	294395.269	281.439	UTM 15
			0.007	0.006	0.018	
SFMC		REBAR	1.00012075	-1 24 35.139682		UTM 15
NEO	110	ZKC1	4305001.211	344662.784	338.711	UTM 15
			0.000	0.000	0.048	
SFMC		ZKC1	0.99989713	-1 7 27.525553		UTM 15

Adjusted PLH Coordinates:

CODE	FFF	STATION	LATITUDE	STD DEV	LONGITUDE	STD DEV	ELIP-HEIGHT	STD DEV
PLH	000	1	N 38 22 6.32534	0.012	W 95 14 55.53835	0.010	279.229	0.013
PLH	000	10	N 37 48 36.96173	0.007	W 95 26 12.63383	0.005	266.560	0.018
PLH	000	1001	N 37 31 45.38599	0.005	W 95 19 10.30612	0.004	270.589	0.014
PLH	000	101	N 38 22 6.01187	0.012	W 95 14 56.23241	0.010	278.557	0.011
PLH	000	102	N 38 22 11.11447	0.012	W 95 10 34.97621	0.011	239.071	0.015
PLH	000	103	N 38 21 53.91417	0.013	W 95 07 26.61306	0.011	242.772	0.016
PLH	000	104	N 38 19 54.55736	0.013	W 95 10 5.40571	0.011	252.201	0.016
PLH	000	105	N 38 17 37.08968	0.013	W 95 12 1.30664	0.011	271.894	0.015
PLH	000	106	N 38 17 18.04106	0.013	W 95 15 10.70851	0.011	296.365	0.017
PLH	000	107	N 38 15 33.08405	0.011	W 95 18 46.54438	0.009	280.847	0.011
PLH	000	108	N 38 15 27.24342	0.013	W 95 18 38.63426	0.011	274.661	0.018
PLH	000	109	N 38 18 12.62998	0.012	W 95 19 23.91256	0.011	275.504	0.015
PLH	000	11	N 37 40 53.08894	0.005	W 95 15 7.47838	0.004	288.119	0.013
PLH	000	110	N 38 18 7.55344	0.020	W 95 25 28.92551	0.015	267.113	0.045
PLH	000	111	N 38 19 14.63748	0.014	W 95 26 6.13432	0.011	273.999	0.022
PLH	000	112	N 38 13 37.40222	0.012	W 95 14 55.88847	0.010	304.427	0.017
PLH	000	113	N 38 06 40.30221	0.010	W 95 20 55.57250	0.008	301.948	0.010
PLH	000	114	N 38 05 47.44765	0.010	W 95 17 56.84772	0.009	300.364	0.012
PLH	000	115	N 38 11 56.90687	0.011	W 95 14 26.07597	0.010	280.138	0.015
PLH	000	116	N 38 12 44.44423	0.012	W 95 08 53.57965	0.010	284.316	0.016
PLH	000	117	N 38 12 47.28027	0.012	W 95 21 8.04485	0.010	274.639	0.015
PLH	000	118	N 38 11 1.03224	0.012	W 95 29 44.43092	0.011	305.318	0.019
PLH	000	119	N 38 08 23.06243	0.011	W 95 10 44.67809	0.009	323.899	0.015
PLH	000	12	N 37 31 44.69239	0.005	W 95 16 13.24618	0.004	241.880	0.014
PLH	000	120	N 38 05 9.84442	0.015	W 95 09 17.64321	0.012	291.918	0.028
PLH	000	121	N 38 08 24.58751	0.012	W 95 26 40.08802	0.010	293.836	0.018

Adjusted PLH Coordinates:

CODE	FFF	STATION	LATITUDE	STD DEV	LONGITUDE	STD DEV	ELIP-HEIGHT	STD DEV
PLH	000	122	N 38 04 41.63701	0.015	W 95 27 49.17486	0.014	279.873	0.026
PLH	000	123	N 38 00 32.92903	0.013	W 95 28 56.00956	0.011	279.517	0.021
PLH	000	124	N 38 01 0.17976	0.013	W 95 24 31.45924	0.011	293.713	0.021
PLH	000	125	N 37 57 55.80094	0.008	W 95 20 8.66327	0.006	283.745	0.016
PLH	000	126	N 38 00 18.96914	0.012	W 95 16 50.30970	0.009	282.585	0.023
PLH	000	127	N 38 01 21.75841	0.013	W 95 12 25.04201	0.010	294.711	0.028
PLH	000	128	N 38 01 24.15938	0.012	W 95 10 22.94733	0.010	293.745	0.021
PLH	000	129	N 37 55 19.08673	0.009	W 95 18 0.18212	0.007	282.776	0.020
PLH	000	13	N 37 40 45.87593	0.012	W 95 29 20.83817	0.009	262.723	0.028
PLH	000	130	N 37 56 10.06867	0.010	W 95 13 26.63045	0.008	291.797	0.022
PLH	000	131	N 37 55 11.04938	0.011	W 95 10 12.13193	0.008	306.710	0.025
PLH	000	132	N 37 51 48.80436	0.009	W 95 15 44.82167	0.007	297.135	0.020
PLH	000	133	N 37 51 49.09723	0.009	W 95 20 8.04632	0.007	284.891	0.019
PLH	000	134	N 37 49 12.61260	0.006	W 95 20 38.44091	0.004	277.375	0.015
PLH	000	135	N 37 55 1.15303	0.010	W 95 22 20.55965	0.008	263.372	0.023
PLH	000	136	N 37 55 32.77181	0.009	W 95 24 28.34207	0.007	261.510	0.020
PLH	000	137	N 37 55 43.08004	0.011	W 95 28 56.47769	0.010	268.158	0.028
PLH	000	138	N 37 52 29.36026	0.008	W 95 26 13.23320	0.006	257.344	0.018
PLH	000	139	N 37 47 28.44796	0.010	W 95 14 2.17681	0.007	276.588	0.021
PLH	000	14	N 37 28 19.86985	0.010	W 95 09 4.58285	0.007	231.356	0.022
PLH	000	140	N 37 47 30.25286	0.011	W 95 09 6.86716	0.009	290.713	0.024
PLH	000	141	N 37 44 52.50004	0.011	W 95 16 10.71953	0.008	255.014	0.026
PLH	000	142	N 37 40 54.98486	0.003	W 95 20 16.27115	0.002	271.043	0.009
PLH	000	143	N 37 46 34.84460	0.007	W 95 23 51.74624	0.006	273.902	0.020
PLH	000	144	N 37 48 3.98913	0.008	W 95 26 1.78306	0.006	257.888	0.022
PLH	000	145	N 37 51 46.22090	0.010	W 95 27 4.28424	0.009	273.836	0.028

Adjusted PLH Coordinates:

CODE	FFF	STATION	LATITUDE	STD DEV	LONGITUDE	STD DEV	ELIP-HEIGHT	STD DEV
PLH	000	146	N 37 37 0.75162	0.009	W 95 16 13.82513	0.009	243.504	0.024
PLH	000	147	N 37 40 54.31599	0.005	W 95 15 7.07710	0.004	287.529	0.013
PLH	000	148	N 37 41 25.93972	0.012	W 95 09 38.94035	0.006	278.547	0.020
PLH	000	149	N 37 36 6.69312	0.009	W 95 09 38.46545	0.006	267.080	0.023
PLH	000	15	N 37 29 16.31641	0.008	W 95 28 13.61660	0.006	288.788	0.020
PLH	000	150	N 37 34 20.63389	0.006	W 95 14 45.78503	0.005	243.019	0.016
PLH	000	151	N 37 31 45.34021	0.007	W 95 19 10.57381	0.005	270.550	0.017
PLH	000	152	N 37 36 3.52977	0.009	W 95 18 57.97079	0.006	250.180	0.020
PLH	000	153	N 37 40 54.50234	0.007	W 95 26 48.13904	0.005	248.814	0.018
PLH	000	154	N 37 43 6.26007	0.009	W 95 30 27.47619	0.007	271.959	0.023
PLH	000	155	N 37 37 51.05883	0.008	W 95 27 27.08997	0.006	263.184	0.019
PLH	000	156	N 37 22 9.63199	0.007	W 95 19 19.13688	0.006	250.344	0.017
PLH	000	157	N 37 31 45.53010	0.007	W 95 16 10.91367	0.005	239.701	0.017
PLH	000	158	N 37 28 57.22349	0.008	W 95 12 54.27226	0.006	242.937	0.019
PLH	000	159	N 37 28 58.35963	0.008	W 95 09 20.18241	0.006	231.665	0.018
PLH	000	16	N 37 20 24.55321	0.008	W 95 12 45.16654	0.007	248.360	0.020
PLH	000	160	N 37 30 56.78006	0.008	W 95 09 59.02215	0.006	242.815	0.018
PLH	000	161	N 37 25 40.00269	0.014	W 95 12 14.49514	0.011	247.947	0.034
PLH	000	162	N 37 25 39.79455	0.007	W 95 18 23.20580	0.006	253.507	0.018
PLH	000	163	N 37 28 19.24243	0.006	W 95 21 18.61175	0.005	272.190	0.015
PLH	000	164	N 37 25 39.93358	0.011	W 95 26 3.92933	0.010	267.812	0.030
PLH	000	165	N 37 29 16.33373	0.008	W 95 28 18.49854	0.006	287.799	0.020
PLH	000	166	N 37 34 22.30828	0.012	W 95 29 20.45841	0.007	269.992	0.025
PLH	000	167	N 37 33 29.41723	0.010	W 95 24 4.79247	0.007	260.274	0.023
PLH	000	168	N 37 20 25.22817	0.009	W 95 12 45.80701	0.008	248.037	0.024
PLH	000	169	N 37 19 58.94680	0.009	W 95 07 35.70394	0.008	226.659	0.022

Adjusted PLH Coordinates:

CODE	FFF	STATION	LATITUDE	STD DEV	LONGITUDE	STD DEV	ELIP-HEIGHT	STD DEV
PLH	000	17	N 37 20 22.70296	0.008	W 95 24 45.53338	0.007	253.243	0.020
PLH	000	170	N 37 22 8.08430	0.008	W 95 24 44.44797	0.007	259.446	0.020
PLH	000	171	N 37 20 18.32402	0.011	W 95 30 29.05265	0.009	244.411	0.026
PLH	000	172	N 37 16 40.55103	0.014	W 95 25 33.13101	0.014	261.990	0.040
PLH	000	173	N 37 15 9.41666	0.009	W 95 19 31.56176	0.008	238.754	0.025
PLH	000	174	N 37 13 22.02833	0.008	W 95 18 12.77822	0.006	249.522	0.018
PLH	000	175	N 37 13 48.52135	0.011	W 95 11 8.22555	0.009	232.548	0.026
PLH	000	176	N 37 23 3.40555	0.008	W 95 09 28.63005	0.007	234.942	0.022
PLH	000	177	N 37 20 35.40283	0.009	W 95 14 11.63850	0.008	245.843	0.023
PLH	000	178	N 37 19 28.77890	0.010	W 95 16 55.68826	0.008	238.173	0.023
PLH	000	179	N 37 11 43.10011	0.009	W 95 18 15.04378	0.007	249.404	0.020
PLH	000	18	N 37 13 22.62734	0.012	W 95 17 6.91100	0.010	254.219	0.030
PLH	000	180	N 37 04 37.35919	0.008	W 95 18 16.42438	0.006	243.175	0.018
PLH	000	181	N 37 04 52.31101	0.009	W 95 21 32.77534	0.007	258.719	0.019
PLH	000	182	N 37 12 0.83516	0.011	W 95 24 18.01978	0.008	219.248	0.025
PLH	000	183	N 37 08 56.09158	0.010	W 95 27 0.25326	0.008	213.937	0.023
PLH	000	184	N 37 06 20.79666	0.010	W 95 30 13.62533	0.008	201.116	0.023
PLH	000	185	N 37 01 11.57783	0.011	W 95 25 5.36677	0.009	240.409	0.025
PLH	000	186	N 37 03 21.86184	0.009	W 95 12 39.35321	0.007	240.859	0.020
PLH	000	187	N 37 02 54.78039	0.003	W 95 08 21.79375	0.002	234.041	0.006
PLH	000	188	N 37 10 5.26039	0.012	W 95 07 29.01070	0.009	242.925	0.027
PLH	000	189	N 37 08 58.18285	0.009	W 95 14 56.31243	0.007	230.915	0.019
PLH	000	19	N 37 03 0.58853	0.010	W 95 26 59.22264	0.008	231.676	0.022
PLH	000	190	N 37 08 37.15932	0.009	W 95 17 19.59211	0.008	247.816	0.021
PLH	000	2	N 38 21 59.87622	0.015	W 95 07 32.23079	0.012	241.761	0.023
PLH	000	20	N 37 03 11.66117	0.010	W 95 12 39.53255	0.008	242.921	0.024

Adjusted PLH Coordinates:

CODE	FFF	STATION	LATITUDE	STD DEV	LONGITUDE	STD DEV	ELIP-HEIGHT	STD DEV
PLH	000	3	N 38 19 11.13883	0.014	W 95 26 3.10823	0.011	273.216	0.025
PLH	000	4	N 38 05 9.81530	0.012	W 95 09 20.78687	0.010	292.290	0.020
PLH	000	5	N 38 04 55.15879	0.011	W 95 27 48.46474	0.009	282.886	0.015
PLH	000	6	N 37 57 56.93003	0.014	W 95 24 32.84001	0.012	263.621	0.025
PLH	000	7	N 37 59 39.90280	0.012	W 95 16 50.53771	0.009	282.549	0.021
PLH	000	8	N 37 55 16.85297	0.011	W 95 10 25.66445	0.008	307.398	0.024
PLH	001	801.25	N 37 02 12.57434	0.009	W 95 04 58.38436	0.005	215.249	0.000
PLH	000	9	N 37 47 27.66180	0.011	W 95 14 1.88667	0.008	276.961	0.023
PLH	111	CHETOPA	N 36 59 59.55570	0.000	W 95 05 7.99141	0.000	222.838	0.000
PLH	001	D 274	N 38 21 39.00013	0.013	W 95 09 1.83856	0.011	249.510	0.000
PLH	000	F 246	N 37 34 34.31528	0.008	W 95 14 38.20305	0.006	244.810	0.019
PLH	001	K 56	N 38 12 36.22583	0.015	W 95 08 41.49200	0.014	282.787	0.000
PLH	110	KINNE	N 37 36 15.78612	0.000	W 95 16 13.13846	0.000	275.990	0.014
PLH	110	KST6	N 39 02 39.66718	0.000	W 96 02 20.83172	0.000	303.897	0.050
PLH	111	M 55	N 37 38 49.12249	0.000	W 95 10 45.06369	0.000	265.292	0.000
PLH	110	MOBT	N 38 15 26.94381	0.000	W 94 23 36.05494	0.000	230.473	0.028
PLH	110	MOCA	N 37 10 39.16622	0.000	W 94 21 27.24398	0.000	271.142	0.033
PLH	110	MONE	N 37 51 56.71994	0.000	W 94 20 58.36961	0.000	222.428	0.030
PLH	000	NAIL	N 37 13 22.47164	0.009	W 95 18 11.90674	0.007	249.851	0.021
PLH	001	P 277	N 38 04 41.20122	0.011	W 95 18 30.33572	0.009	288.580	0.000
PLH	000	PARSONS	N 37 20 43.69549	0.009	W 95 15 46.99146	0.007	246.737	0.022
PLH	000	REBAR	N 37 22 8.92459	0.007	W 95 19 18.80991	0.006	251.084	0.018
PLH	110	ZKC1	N 38 52 48.55019	0.000	W 94 47 26.96407	0.000	306.572	0.048

Geoid Values:

CODE	NAME	N/S DEFLECTION	E/W DEFLECTION	UNDULATION
GEOI	1	+ 0 0 1.6	+ 0 0 2.1	-31.596
GEOI	10	+ 0 0 1.8	+ 0 0 1.0	-31.028
GEOI	1001	+ 0 0 3.6	+ 0 0 0.8	-30.641
GEOI	101	+ 0 0 1.6	+ 0 0 2.1	-31.596
GEOI	102	+ 0 0 1.8	+ 0 0 2.1	-31.684
GEOI	103	+ 0 0 1.7	+ 0 0 1.4	-31.734
GEOI	104	+ 0 0 1.7	+ 0 0 2.0	-31.658
GEOI	105	+ 0 0 1.1	+ 0 0 2.0	-31.596
GEOI	106	+ 0 0 0.9	+ 0 0 2.1	-31.534
GEOI	107	+ 0 0 0.9	+ 0 0 1.4	-31.464
GEOI	108	+ 0 0 0.9	+ 0 0 1.4	-31.465
GEOI	109	+ 0 0 0.9	+ 0 0 1.5	-31.477
GEOI	11	+ 0 0 3.2	+ 0 0 0.9	-30.931
GEOI	110	+ 0 0 0.3	+ 0 0 1.5	-31.399
GEOI	111	+ 0 0 0.7	+ 0 0 1.6	-31.393
GEOI	112	+ 0 0 0.9	+ 0 0 1.9	-31.508
GEOI	113	+ 0 0 1.3	+ 0 0 2.1	-31.357
GEOI	114	+ 0 0 1.6	+ 0 0 2.0	-31.399
GEOI	115	+ 0 0 0.5	+ 0 0 2.0	-31.510
GEOI	116	+ 0 0 0.8	+ 0 0 1.9	-31.612
GEOI	117	+ 0 0 0.9	+ 0 0 1.4	-31.411
GEOI	118	+ 0 0 1.4	+ 0 0 1.6	-31.273
GEOI	119	+ 0 0 1.1	+ 0 0 1.3	-31.550
GEOI	12	+ 0 0 3.5	+ 0 0 0.8	-30.665
GEOI	120	+ 0 0 2.0	+ 0 0 1.1	-31.519
GEOI	121	+ 0 0 1.4	+ 0 0 1.5	-31.285
GEOI	122	+ 0 0 1.5	+ 0 0 1.4	-31.221
GEOI	123	+ 0 0 1.6	+ 0 0 1.2	-31.151
GEOI	124	+ 0 0 1.9	+ 0 0 1.3	-31.205
GEOI	125	+ 0 0 2.0	+ 0 0 1.5	-31.205
GEOI	126	+ 0 0 2.3	+ 0 0 1.8	-31.302
GEOI	127	+ 0 0 2.3	+ 0 0 1.9	-31.397
GEOI	128	+ 0 0 2.1	+ 0 0 1.7	-31.430
GEOI	129	+ 0 0 1.9	+ 0 0 1.5	-31.188
GEOI	13	+ 0 0 2.3	+ 0 0 0.8	-30.852
GEOI	130	+ 0 0 2.3	+ 0 0 1.7	-31.269
GEOI	131	+ 0 0 2.5	+ 0 0 1.6	-31.296
GEOI	132	+ 0 0 1.5	+ 0 0 1.5	-31.170
GEOI	133	+ 0 0 1.4	+ 0 0 1.3	-31.117
GEOI	134	+ 0 0 1.6	+ 0 0 0.9	-31.080
GEOI	135	+ 0 0 1.6	+ 0 0 1.2	-31.132
GEOI	136	+ 0 0 1.6	+ 0 0 1.0	-31.120
GEOI	137	+ 0 0 1.4	+ 0 0 0.9	-31.085
GEOI	138	+ 0 0 1.1	+ 0 0 0.7	-31.080
GEOI	139	+ 0 0 2.5	+ 0 0 1.1	-31.113
GEOI	14	+ 0 0 3.2	- 0 0 0.4	-30.573
GEOI	140	+ 0 0 2.6	+ 0 0 1.3	-31.160
GEOI	141	+ 0 0 2.7	+ 0 0 0.8	-31.034
GEOI	142	+ 0 0 2.6	+ 0 0 0.6	-30.904
GEOI	143	+ 0 0 2.3	+ 0 0 0.8	-31.006
GEOI	144	+ 0 0 1.9	+ 0 0 0.9	-31.020
GEOI	145	+ 0 0 1.0	+ 0 0 0.6	-31.068
GEOI	146	+ 0 0 3.0	+ 0 0 0.7	-30.819

Geoid Values:

CODE	NAME	N/S DEFLECTION	E/W DEFLECTION	UNDULATION
GEOI	147	+ 0 0 3.2	+ 0 0 0.9	-30.932
GEOI	148	+ 0 0 3.2	+ 0 0 0.8	-30.991
GEOI	149	+ 0 0 3.6	+ 0 0 0.3	-30.832
GEOI	15	+ 0 0 3.4	- 0 0 0.0	-30.532
GEOI	150	+ 0 0 3.2	+ 0 0 0.7	-30.755
GEOI	151	+ 0 0 3.6	+ 0 0 0.8	-30.641
GEOI	152	+ 0 0 3.2	+ 0 0 0.6	-30.778
GEOI	153	+ 0 0 2.2	+ 0 0 0.6	-30.873
GEOI	154	+ 0 0 2.1	+ 0 0 0.8	-30.892
GEOI	155	+ 0 0 2.9	+ 0 0 0.6	-30.792
GEOI	156	+ 0 0 3.2	+ 0 0 0.5	-30.356
GEOI	157	+ 0 0 3.5	+ 0 0 0.8	-30.666
GEOI	158	+ 0 0 3.7	+ 0 0 0.3	-30.592
GEOI	159	+ 0 0 3.5	- 0 0 0.4	-30.593
GEOI	16	+ 0 0 3.6	+ 0 0 0.3	-30.329
GEOI	160	+ 0 0 3.7	- 0 0 0.4	-30.659
GEOI	161	+ 0 0 3.4	+ 0 0 0.3	-30.492
GEOI	162	+ 0 0 3.2	+ 0 0 0.7	-30.459
GEOI	163	+ 0 0 3.1	+ 0 0 0.6	-30.521
GEOI	164	+ 0 0 2.9	+ 0 0 0.3	-30.432
GEOI	165	+ 0 0 3.4	- 0 0 0.0	-30.532
GEOI	166	+ 0 0 3.4	+ 0 0 0.4	-30.686
GEOI	167	+ 0 0 3.8	+ 0 0 0.3	-30.675
GEOI	168	+ 0 0 3.6	+ 0 0 0.3	-30.329
GEOI	169	+ 0 0 3.9	+ 0 0 0.2	-30.328
GEOI	17	+ 0 0 3.3	+ 0 0 0.1	-30.290
GEOI	170	+ 0 0 3.1	+ 0 0 0.1	-30.340
GEOI	171	+ 0 0 3.2	+ 0 0 0.0	-30.285
GEOI	172	+ 0 0 3.6	+ 0 0 0.1	-30.174
GEOI	173	+ 0 0 3.6	+ 0 0 0.2	-30.142
GEOI	174	+ 0 0 4.0	+ 0 0 0.0	-30.081
GEOI	175	+ 0 0 4.7	- 0 0 0.8	-30.076
GEOI	176	+ 0 0 3.1	+ 0 0 0.2	-30.423
GEOI	177	+ 0 0 3.5	+ 0 0 0.3	-30.330
GEOI	178	+ 0 0 3.4	+ 0 0 0.4	-30.287
GEOI	179	+ 0 0 4.2	- 0 0 0.1	-30.020
GEOI	18	+ 0 0 4.2	- 0 0 0.1	-30.082
GEOI	180	+ 0 0 3.6	+ 0 0 0.0	-29.738
GEOI	181	+ 0 0 3.3	- 0 0 0.5	-29.755
GEOI	182	+ 0 0 4.2	+ 0 0 0.5	-30.012
GEOI	183	+ 0 0 4.1	+ 0 0 0.2	-29.890
GEOI	184	+ 0 0 3.5	+ 0 0 0.2	-29.797
GEOI	185	+ 0 0 2.1	- 0 0 0.6	-29.693
GEOI	186	+ 0 0 3.2	+ 0 0 0.5	-29.712
GEOI	187	+ 0 0 3.1	+ 0 0 0.6	-29.718
GEOI	188	+ 0 0 3.8	+ 0 0 0.8	-29.916
GEOI	189	+ 0 0 4.6	- 0 0 0.5	-29.902
GEOI	19	+ 0 0 2.1	+ 0 0 0.1	-29.729
GEOI	190	+ 0 0 4.8	+ 0 0 0.0	-29.891
GEOI	2	+ 0 0 1.8	+ 0 0 1.6	-31.734
GEOI	20	+ 0 0 3.2	+ 0 0 0.5	-29.707
GEOI	3	+ 0 0 0.7	+ 0 0 1.6	-31.394
GEOI	4	+ 0 0 2.0	+ 0 0 1.1	-31.519

Geoid Values:

CODE	NAME	N/S DEFLECTION	E/W DEFLECTION	UNDULATION
GEOI	5	+ 0 0 1.5	+ 0 0 1.4	-31.225
GEOI	6	+ 0 0 1.8	+ 0 0 1.1	-31.156
GEOI	7	+ 0 0 2.3	+ 0 0 1.7	-31.288
GEOI	8	+ 0 0 2.5	+ 0 0 1.6	-31.294
GEOI	801.25	+ 0 0 3.0	+ 0 0 0.3	-29.716
GEOI	9	+ 0 0 2.5	+ 0 0 1.1	-31.113
GEOI	CHETOPA	+ 0 0 2.7	- 0 0 0.0	-29.661
GEOI	D 274	+ 0 0 1.9	+ 0 0 1.9	-31.704
GEOI	F 246	+ 0 0 3.0	+ 0 0 0.8	-30.763
GEOI	K 56	+ 0 0 0.8	+ 0 0 1.9	-31.614
GEOI	KINNE	+ 0 0 3.0	+ 0 0 0.7	-30.799
GEOI	KST6	+ 0 0 0.0	+ 0 0 2.5	-30.734
GEOI	M 55	+ 0 0 3.2	+ 0 0 0.7	-30.908
GEOI	MOBT	+ 0 0 1.4	+ 0 0 0.7	-32.081
GEOI	MOCA	+ 0 0 5.4	+ 0 0 0.0	-29.915
GEOI	MONE	+ 0 0 3.4	+ 0 0 0.1	-31.446
GEOI	NAIL	+ 0 0 4.0	+ 0 0 0.0	-30.081
GEOI	P 277	+ 0 0 1.9	+ 0 0 1.9	-31.370
GEOI	PARSONS	+ 0 0 3.4	+ 0 0 0.5	-30.329
GEOI	REBAR	+ 0 0 3.2	+ 0 0 0.5	-30.355
GEOI	ZKC1	+ 0 0 2.2	+ 0 0 1.7	-32.139

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 1~#GPAL3.ASC,obs#:		1				
DXCT		ZKC1	113	-53179.79260	-0.014	-0.296
				0.049	0.048	0.15
DYCT		ZKC1	113	-48620.75220	0.011	0.368
				0.049	0.030	0.11
DZCT		ZKC1	113	-66812.10910	0.012	0.330
				0.049	0.037	0.13
GROUP: 1~#GPAL3.ASC,obs#:		2				
DXCT		MOBT	113	-84263.81420	-0.002	-0.041
				0.043	0.042	0.02
DYCT		MOBT	113	-2950.05290	0.002	0.052
				0.043	0.035	0.02
DZCT		MOBT	113	-12719.93270	0.012	0.310
				0.043	0.038	0.14
GROUP: 1~#GPAL3.ASC,obs#:		3				
DXCT		MONE	113	-86053.88990	0.000	0.007
				0.046	0.045	0.00
DYCT		MONE	113	24065.92230	0.029	0.762
				0.046	0.038	0.32
DZCT		MONE	113	21520.87070	-0.011	-0.271
				0.046	0.041	0.12
GROUP: 112712.ASC ,obs#:		4				
DXCT		101	1	17.27630	0.003	0.940
				0.004	0.003	150.39
DYCT		101	1	3.90820	0.000	0.062
				0.010	0.007	22.50
DZCT		101	1	7.99510	0.001	0.120
				0.009	0.006	38.67
GROUP: 112712.ASC ,obs#:		5				
DXCT		101	1	17.28170	-0.002	-0.944
				0.004	0.003	127.44
DYCT		101	1	3.90900	-0.000	-0.061
				0.009	0.006	18.66
DZCT		101	1	7.99650	-0.001	-0.123
				0.008	0.005	33.36
GROUP: 112712.ASC ,obs#:		6				
DXCT		101	2	10726.71620	-0.003	-0.505
				0.010	0.007	0.32
DYCT		101	2	-1062.75320	-0.003	-0.165
				0.030	0.021	0.32
DZCT		101	2	-171.18250	0.005	0.468
				0.014	0.010	0.44
GROUP: 112712.ASC ,obs#:		7				
DXCT		101	2	10726.70920	0.004	0.503
				0.010	0.007	0.33
DYCT		101	2	-1062.76010	0.003	0.162
				0.030	0.021	0.32
DZCT		101	2	-171.17290	-0.005	-0.466
				0.015	0.010	0.45
GROUP: 112712.ASC ,obs#:		8				
DXCT		101	3	-16435.46600	0.004	0.760
				0.008	0.005	0.21

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DYCT		101	3	-1818.95470	-0.008	-0.658
				0.021	0.013	0.50
DZCT		101	3	-4232.50280	0.012	0.807
				0.024	0.015	0.69
GROUP: 112712.ASC ,obs#: 9						
DXCT		101	3	-16435.45610	-0.006	-0.782
				0.010	0.008	0.37
DYCT		101	3	-1818.97820	0.015	0.678
				0.028	0.022	0.88
DZCT		101	3	-4232.47050	-0.021	-0.827
				0.031	0.025	1.20
GROUP: 112712.ASC ,obs#: 10						
DXCT		KST6	101	63786.15410	-0.002	-0.035
				0.051	0.050	0.02
DYCT		KST6	101	-53440.73710	0.003	0.092
				0.051	0.031	0.03
DZCT		KST6	101	-58579.91250	0.003	0.087
				0.051	0.038	0.03
GROUP: 112712.ASC ,obs#: 11						
DXCT		MOBT	101	-73928.95930	0.007	0.190
				0.038	0.036	0.09
DYCT		MOBT	101	13853.25460	0.007	0.227
				0.038	0.030	0.09
DZCT		MOBT	101	9685.04230	0.002	0.050
				0.038	0.032	0.02
GROUP: 112712.ASC ,obs#: 12						
DXCT		101	102	6327.73940	0.003	0.581
				0.006	0.004	0.40
DYCT		101	102	-448.11670	-0.005	-0.488
				0.014	0.011	0.82
DZCT		101	102	98.85300	-0.003	-0.358
				0.010	0.008	0.43
GROUP: 112712.ASC ,obs#: 13						
DXCT		101	102	6327.74400	-0.002	-0.579
				0.005	0.004	0.33
DYCT		101	102	-448.12630	0.004	0.498
				0.013	0.009	0.70
DZCT		101	102	98.84810	0.002	0.353
				0.009	0.006	0.35
GROUP: 112712.ASC ,obs#: 14						
DXCT		101	103	10852.28080	0.006	1.384
				0.006	0.004	0.52
DYCT		101	103	-1189.38550	0.006	0.501
				0.017	0.012	0.57
DZCT		101	103	-314.69450	-0.000	-0.053
				0.008	0.006	0.03
GROUP: 112712.ASC ,obs#: 15						
DXCT		101	103	10852.29170	-0.005	-1.385
				0.005	0.004	0.48
DYCT		101	103	-1189.37350	-0.006	-0.500
				0.017	0.012	0.53
DZCT		101	103	-314.69510	0.000	0.050

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION	STD DEV	RESIDUAL	STD DEV	STD RES	PPM
					0.008		0.006		0.03
GROUP: 112712.ASC ,obs#: 16									
DXCT		101	104	6806.38870	0.001		0.252		
					0.007		0.005		0.15
DYCT		101	104	-3125.15440	-0.004		-0.352		
					0.018		0.013		0.54
DZCT		101	104	-3195.22490	0.007		0.889		
					0.011		0.008		0.83
GROUP: 112712.ASC ,obs#: 17									
DXCT		101	104	6806.39110	-0.001		-0.254		
					0.007		0.005		0.15
DYCT		101	104	-3125.16320	0.004		0.351		
					0.018		0.012		0.54
DZCT		101	104	-3195.21150	-0.007		-0.889		
					0.011		0.008		0.82
GROUP: 112712.ASC ,obs#: 18									
DXCT		101	105	3763.25340	0.000		0.070		
					0.006		0.004		0.03
DYCT		101	105	-5503.25290	-0.002		-0.233		
					0.014		0.010		0.24
DZCT		101	105	-6508.97110	-0.006		-1.106		
					0.008		0.006		0.67
GROUP: 112712.ASC ,obs#: 19									
DXCT		101	105	3763.25400	-0.000		-0.068		
					0.006		0.005		0.04
DYCT		101	105	-5503.25790	0.003		0.228		
					0.016		0.012		0.30
DZCT		101	105	-6508.98520	0.008		1.109		
					0.010		0.007		0.85
GROUP: 112712.ASC ,obs#: 20									
DXCT		101	106	-855.40090	-0.007		-1.167		
					0.008		0.006		0.80
DYCT		101	106	-5465.53100	0.002		0.121		
					0.019		0.014		0.19
DZCT		101	106	-6954.82420	-0.000		-0.028		
					0.013		0.009		0.03
GROUP: 112712.ASC ,obs#: 21									
DXCT		101	106	-855.41430	0.006		1.167		
					0.008		0.005		0.71
DYCT		101	106	-5465.52780	-0.002		-0.120		
					0.018		0.013		0.17
DZCT		101	106	-6954.82470	0.000		0.029		
					0.012		0.008		0.03
GROUP: 112712.ASC ,obs#: 22									
DXCT		101	107	-6263.12480	0.003		0.386		
					0.010		0.008		0.24
DYCT		101	107	-6966.48600	0.005		0.233		
					0.023		0.020		0.35
DZCT		101	107	-9505.17490	-0.007		-0.434		
					0.018		0.016		0.52
GROUP: 112712.ASC ,obs#: 23									
DXCT		101	107	-6263.12110	-0.000		-0.065		

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.009	0.007	0.03
DYCT		101	107	-6966.49670	0.015	0.916
				0.020	0.017	1.15
DZCT		101	107	-9505.18550	0.004	0.289
				0.015	0.013	0.27
GROUP: 112712.ASC ,obs#: 24						
DXCT		101	108	-6081.52070	0.019	1.070
				0.018	0.018	1.40
DYCT		101	108	-7090.49940	0.012	0.293
				0.041	0.039	0.86
DZCT		101	108	-9650.42590	-0.002	-0.049
				0.043	0.042	0.15
GROUP: 112712.ASC ,obs#: 25						
DXCT		101	108	-6081.50060	-0.001	-1.165
				0.005	0.001	0.10
DYCT		101	108	-7090.48790	0.000	0.019
				0.012	0.004	0.01
DZCT		101	108	-9650.42660	-0.001	-0.364
				0.012	0.004	0.10
GROUP: 112712.ASC ,obs#: 26						
DXCT		101	109	-6884.57870	-0.006	-1.589
				0.005	0.004	0.63
DYCT		101	109	-3843.41870	0.000	0.038
				0.013	0.009	0.04
DZCT		101	109	-5646.68840	-0.003	-0.332
				0.013	0.009	0.32
GROUP: 112712.ASC ,obs#: 27						
DXCT		101	109	-6884.59010	0.005	1.586
				0.005	0.003	0.54
DYCT		101	109	-3843.41800	-0.000	-0.042
				0.012	0.008	0.04
DZCT		101	109	-5646.69420	0.003	0.330
				0.012	0.008	0.28
GROUP: 112712.ASC ,obs#: 28						
DXCT		101	110	-15723.26020	0.005	0.406
				0.016	0.012	0.28
DYCT		101	110	-3102.79990	-0.002	-0.056
				0.045	0.032	0.10
DZCT		101	110	-5774.73550	0.001	0.039
				0.051	0.036	0.08
GROUP: 112712.ASC ,obs#: 29						
DXCT		101	110	-15723.25090	-0.005	-0.406
				0.016	0.011	0.27
DYCT		101	110	-3102.80350	0.002	0.058
				0.045	0.032	0.11
DZCT		101	110	-5774.73260	-0.001	-0.041
				0.051	0.036	0.09
GROUP: 112712.ASC ,obs#: 30						
DXCT		101	111	-16502.39140	0.025	3.096
				0.010	0.008	1.49
DYCT		101	111	-1746.03720	0.017	0.738
				0.027	0.023	0.97

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DZCT		101	111	-4147.35330	-0.012	-0.489
				0.030	0.025	0.72
GROUP: 112712.ASC ,obs#: 31						
DXCT		101	111	-16502.35530	-0.011	-3.098
				0.006	0.003	0.62
DYCT		101	111	-1746.01370	-0.007	-0.726
				0.017	0.009	0.40
DZCT		101	111	-4147.37060	0.005	0.480
				0.019	0.010	0.29
GROUP: 112712.ASC ,obs#: 32						
DXCT		101	112	-882.71430	0.006	0.562
				0.013	0.011	0.41
DYCT		101	112	-9699.80600	-0.008	-0.291
				0.030	0.027	0.51
DZCT		101	112	-12292.11740	-0.002	-0.096
				0.027	0.024	0.15
GROUP: 112712.ASC ,obs#: 33						
DXCT		101	112	-882.70470	-0.003	-0.303
				0.012	0.011	0.20
DYCT		101	112	-9699.80710	-0.007	-0.271
				0.029	0.025	0.44
DZCT		101	112	-12292.11270	-0.007	-0.317
				0.025	0.022	0.45
GROUP: 112712.ASC ,obs#: 34						
DXCT		101	D 274	8523.65340	-0.007	-1.355
				0.007	0.005	0.77
DYCT		101	D 274	-1271.89100	-0.012	-0.799
				0.019	0.015	1.41
DZCT		101	D 274	-671.10040	-0.003	-0.365
				0.010	0.008	0.35
GROUP: 112712.ASC ,obs#: 35						
DXCT		101	D 274	8523.64080	0.006	1.353
				0.006	0.004	0.69
DYCT		101	D 274	-1271.91070	0.008	0.569
				0.017	0.013	0.87
DZCT		101	D 274	-671.10820	0.005	0.663
				0.010	0.007	0.55
GROUP: 112812.ASC ,obs#: 36						
DXCT		107	112	5380.41350	0.000	0.070
				0.005	0.002	0.02
DYCT		107	112	-2733.33550	0.003	0.388
				0.014	0.007	0.43
DZCT		107	112	-2786.93940	0.002	0.240
				0.012	0.006	0.23
GROUP: 112812.ASC ,obs#: 37						
DXCT		107	113	-4071.75510	0.013	2.084
				0.007	0.006	0.78
DYCT		107	113	-9836.83250	0.001	0.094
				0.017	0.015	0.09
DZCT		107	113	-12899.77320	-0.010	-0.596
				0.018	0.017	0.59
GROUP: 112812.ASC ,obs#: 38						

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DXCT		107	113	-4071.74580	0.004	0.727
				0.006	0.005	0.23
DYCT		107	113	-9836.84110	0.010	0.773
				0.015	0.013	0.60
DZCT		107	113	-12899.77520	-0.008	-0.563
				0.016	0.014	0.47
GROUP: 112812.ASC ,obs#: 39						
DXCT		107	114	170.83770	-0.006	-1.480
				0.005	0.004	0.32
DYCT		107	114	-11240.98840	-0.000	-0.061
				0.011	0.008	0.03
DZCT		107	114	-14183.19530	0.006	0.594
				0.013	0.010	0.32
GROUP: 112812.ASC ,obs#: 40						
DXCT		107	114	170.85040	-0.018	-1.522
				0.013	0.012	1.02
DYCT		107	114	-11240.98330	-0.006	-0.214
				0.027	0.026	0.31
DZCT		107	114	-14183.18790	-0.002	-0.055
				0.030	0.029	0.09
GROUP: 112812.ASC ,obs#: 41						
DXCT		107	115	5929.19110	-0.003	-0.708
				0.006	0.005	0.35
DYCT		107	115	-4689.45770	-0.002	-0.195
				0.012	0.009	0.19
DZCT		107	115	-5236.70530	-0.003	-0.350
				0.012	0.010	0.38
GROUP: 112812.ASC ,obs#: 42						
DXCT		107	115	5929.18470	0.003	0.963
				0.005	0.003	0.34
DYCT		107	115	-4689.46140	0.002	0.294
				0.010	0.007	0.21
DZCT		107	115	-5236.71170	0.003	0.523
				0.009	0.006	0.32
GROUP: 112812.ASC ,obs#: 43						
DXCT		107	116	14067.58970	0.009	1.390
				0.008	0.007	0.62
DYCT		107	116	-4522.28610	-0.001	-0.082
				0.020	0.016	0.09
DZCT		107	116	-4082.30220	-0.000	-0.024
				0.011	0.009	0.01
GROUP: 112812.ASC ,obs#: 44						
DXCT		107	116	14067.60410	-0.005	-1.381
				0.006	0.004	0.32
DYCT		107	116	-4522.28750	0.000	0.011
				0.013	0.008	0.01
DZCT		107	116	-4082.30270	0.000	0.066
				0.008	0.004	0.02
GROUP: 112812.ASC ,obs#: 45						
DXCT		107	117	-3720.09280	0.007	1.975
				0.005	0.004	1.20
DYCT		107	117	-2825.79180	-0.008	-0.624

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.017	0.014	1.38
DZCT		107	117	-4019.58580	0.008	1.406
				0.007	0.005	1.24
GROUP: 112812.ASC ,obs#: 46						
DXCT		107	117	-3720.07860	-0.007	-1.822
				0.005	0.004	1.10
DYCT		107	117	-2825.80070	0.000	0.045
				0.014	0.009	0.06
DZCT		107	117	-4019.57260	-0.006	-1.188
				0.007	0.005	0.90
GROUP: 112812.ASC ,obs#: 47						
DXCT		107	118	-16422.90030	0.006	1.002
				0.009	0.006	0.36
DYCT		107	118	-3678.92680	0.008	0.580
				0.020	0.014	0.45
DZCT		107	118	-6575.24450	0.005	0.531
				0.013	0.009	0.28
GROUP: 112812.ASC ,obs#: 48						
DXCT		107	118	-16422.88760	-0.006	-0.967
				0.009	0.006	0.35
DYCT		107	118	-3678.90950	-0.009	-0.658
				0.020	0.014	0.51
DZCT		107	118	-6575.23520	-0.004	-0.476
				0.013	0.009	0.24
GROUP: 112812.ASC ,obs#: 49						
DXCT		107	K 56	14346.54910	-0.010	-0.714
				0.018	0.014	0.65
DYCT		107	K 56	-4703.57220	-0.018	-0.433
				0.043	0.041	1.13
DZCT		107	K 56	-4282.38700	0.023	0.813
				0.030	0.028	1.45
GROUP: 112812.ASC ,obs#: 50						
DXCT		107	K 56	14346.53160	0.007	0.788
				0.015	0.009	0.46
DYCT		107	K 56	-4703.58440	-0.006	-0.180
				0.033	0.031	0.35
DZCT		107	K 56	-4282.36040	-0.004	-0.186
				0.023	0.021	0.24
GROUP: 112912.ASC ,obs#: 51						
DXCT		113	4	16701.38080	0.008	0.656
				0.014	0.012	0.45
DYCT		113	4	-3256.45800	-0.016	-0.627
				0.029	0.025	0.93
DZCT		113	4	-2201.62170	-0.008	-0.290
				0.030	0.026	0.44
GROUP: 112912.ASC ,obs#: 52						
DXCT		113	4	16701.39110	-0.003	-0.688
				0.008	0.004	0.15
DYCT		113	4	-3256.47800	0.004	0.570
				0.015	0.007	0.24
DZCT		113	4	-2201.63220	0.003	0.374
				0.016	0.008	0.17

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 112912.ASC ,obs#: 53						
DXCT		113	5	-10203.23020	0.002	0.300
				0.007	0.006	0.16
DYCT		113	5	-1028.57390	0.002	0.169
				0.016	0.013	0.21
DZCT		113	5	-2563.14880	0.008	0.821
				0.013	0.010	0.79
GROUP: 112912.ASC ,obs#: 54						
DXCT		113	5	-10203.22750	-0.001	-0.308
				0.005	0.003	0.10
DYCT		113	5	-1028.57030	-0.001	-0.183
				0.013	0.008	0.13
DZCT		113	5	-2563.13560	-0.005	-0.819
				0.010	0.006	0.46
GROUP: 112912.ASC ,obs#: 55						
DXCT		113	6	-6204.31920	-0.011	-1.111
				0.014	0.009	0.62
DYCT		113	6	-9373.32800	-0.003	-0.140
				0.030	0.021	0.17
DZCT		113	6	-12733.55290	0.001	0.073
				0.022	0.016	0.07
GROUP: 112912.ASC ,obs#: 56						
DXCT		113	6	-6204.34070	0.011	1.111
				0.014	0.010	0.65
DYCT		113	6	-9373.33390	0.003	0.138
				0.030	0.022	0.18
DZCT		113	6	-12733.55060	-0.001	-0.070
				0.023	0.016	0.07
GROUP: 112912.ASC ,obs#: 57						
DXCT		113	7	5209.96070	-0.000	-0.070
				0.006	0.004	0.02
DYCT		113	7	-8493.80920	-0.004	-0.274
				0.019	0.013	0.26
DZCT		113	7	-10219.27240	-0.004	-0.291
				0.022	0.015	0.31
GROUP: 112912.ASC ,obs#: 58						
DXCT		113	7	5209.96010	0.000	0.066
				0.006	0.004	0.02
DYCT		113	7	-8493.81650	0.004	0.269
				0.019	0.014	0.25
DZCT		113	7	-10219.28140	0.005	0.293
				0.022	0.016	0.32
GROUP: 112912.ASC ,obs#: 59						
DXCT		113	114	4242.57340	0.001	0.156
				0.004	0.003	0.11
DYCT		113	114	-1404.15610	-0.002	-0.207
				0.011	0.008	0.38
DZCT		113	114	-1283.40450	-0.002	-0.267
				0.009	0.007	0.41
GROUP: 112912.ASC ,obs#: 60						
DXCT		113	114	4242.56810	0.006	1.637
				0.005	0.004	1.25

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DYCT		113	114	-1404.15950	0.002	0.188
				0.011	0.009	0.36
DZCT		113	114	-1283.40720	0.001	0.103
				0.010	0.008	0.17
GROUP: 112912.ASC ,obs#: 61						
DXCT		113	119	14994.97540	-0.004	-1.094
				0.006	0.004	0.26
DYCT		113	119	565.64680	0.001	0.131
				0.013	0.009	0.08
DZCT		113	119	2506.12750	0.009	0.965
				0.013	0.009	0.59
GROUP: 112912.ASC ,obs#: 62						
DXCT		113	119	14994.96670	0.005	0.674
				0.009	0.007	0.31
DYCT		113	119	565.64480	0.003	0.311
				0.014	0.010	0.21
DZCT		113	119	2506.14660	-0.010	-1.050
				0.013	0.010	0.66
GROUP: 112912.ASC ,obs#: 63						
DXCT		113	120	16777.75920	0.008	0.976
				0.013	0.008	0.46
DYCT		113	120	-3262.51200	-0.003	-0.166
				0.027	0.018	0.17
DZCT		113	120	-2201.13440	-0.017	-0.984
				0.028	0.018	1.01
GROUP: 112912.ASC ,obs#: 64						
DXCT		113	120	16777.77940	-0.012	-1.013
				0.016	0.012	0.71
DYCT		113	120	-3262.51720	0.002	0.091
				0.032	0.025	0.13
DZCT		113	120	-2201.18000	0.028	1.112
				0.033	0.025	1.64
GROUP: 112912.ASC ,obs#: 65						
DXCT		113	121	-8166.97910	0.005	0.938
				0.008	0.006	0.58
DYCT		113	121	2772.02590	0.005	0.359
				0.020	0.014	0.55
DZCT		113	121	2524.56180	-0.006	-0.664
				0.013	0.009	0.68
GROUP: 112912.ASC ,obs#: 66						
DXCT		113	121	-8166.96900	-0.005	-0.904
				0.008	0.005	0.54
DYCT		113	121	2772.03620	-0.005	-0.340
				0.022	0.016	0.60
DZCT		113	121	2524.55050	0.005	0.606
				0.012	0.009	0.58
GROUP: 112912.ASC ,obs#: 67						
DXCT		113	122	-10244.70470	-0.010	-0.873
				0.017	0.012	0.98
DYCT		113	122	-1280.54000	-0.003	-0.127
				0.029	0.021	0.24
DZCT		113	122	-2893.18910	0.002	0.127

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.024	0.015	0.18
GROUP: 112912.ASC ,obs#: 68						
DXCT		113	122	-10244.73700	0.022	1.248
				0.021	0.017	2.04
DYCT		113	122	-1280.54430	0.002	0.079
				0.030	0.021	0.16
DZCT		113	122	-2893.20780	0.021	0.740
				0.033	0.028	1.93
GROUP: 112912.ASC ,obs#: 69						
DXCT		113	123	-12317.72540	0.001	0.236
				0.008	0.003	0.05
DYCT		113	123	-5829.18730	0.007	0.798
				0.020	0.009	0.43
DZCT		113	123	-8932.78110	0.001	0.178
				0.012	0.004	0.05
GROUP: 112912.ASC ,obs#: 70						
DXCT		113	123	-12317.72210	-0.003	-0.143
				0.019	0.018	0.16
DYCT		113	123	-5829.15940	-0.021	-0.562
				0.041	0.037	1.29
DZCT		113	123	-8932.77050	-0.010	-0.322
				0.033	0.031	0.60
GROUP: 112912.ASC ,obs#: 71						
DXCT		113	124	-5845.18050	0.004	0.571
				0.010	0.007	0.34
DYCT		113	124	-5937.62230	-0.012	-0.773
				0.023	0.016	1.05
DZCT		113	124	-8262.04350	0.010	0.648
				0.020	0.015	0.84
GROUP: 112912.ASC ,obs#: 72						
DXCT		113	124	-5845.17340	-0.003	-0.442
				0.010	0.007	0.27
DYCT		113	124	-5937.64540	0.011	0.650
				0.023	0.017	0.92
DZCT		113	124	-8262.02730	-0.006	-0.583
				0.017	0.011	0.54
GROUP: 112912.ASC ,obs#: 73						
DXCT		113	125	212.49250	-0.001	-0.166
				0.010	0.008	0.08
DYCT		113	125	-10014.24680	0.016	0.810
				0.024	0.020	1.01
DZCT		113	125	-12748.60290	-0.016	-0.814
				0.023	0.019	0.96
GROUP: 112912.ASC ,obs#: 74						
DXCT		113	125	212.48760	0.004	0.539
				0.009	0.007	0.23
DYCT		113	125	-10014.24870	0.018	0.978
				0.023	0.019	1.13
DZCT		113	125	-12748.60630	-0.012	-0.684
				0.022	0.018	0.75
GROUP: 112912.ASC ,obs#: 75						
DXCT		113	126	5283.75150	-0.001	-0.246

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.007	0.005	0.09
DYCT		113	126	-7755.90830	0.007	0.445
				0.021	0.015	0.50
DZCT		113	126	-9270.04590	0.000	0.007
				0.024	0.017	0.01
GROUP: 112912.ASC ,obs#: 76						
DXCT		113	126	5283.74910	0.001	0.248
				0.007	0.005	0.09
DYCT		113	126	-7755.89480	-0.007	-0.447
				0.022	0.015	0.52
DZCT		113	126	-9270.04570	-0.000	-0.005
				0.025	0.018	0.01
GROUP: 112912.ASC ,obs#: 77						
DXCT		113	127	11835.80610	-0.003	-0.457
				0.009	0.006	0.18
DYCT		113	127	-7169.51040	0.006	0.324
				0.026	0.018	0.37
DZCT		113	127	-7737.24970	-0.004	-0.208
				0.030	0.021	0.27
GROUP: 112912.ASC ,obs#: 78						
DXCT		113	127	11835.80010	0.003	0.460
				0.009	0.007	0.20
DYCT		113	127	-7169.49810	-0.006	-0.328
				0.027	0.019	0.40
DZCT		113	127	-7737.25860	0.005	0.211
				0.030	0.022	0.29
GROUP: 112912.ASC ,obs#: 79						
DXCT		113	128	14805.84650	0.000	0.105
				0.007	0.004	0.02
DYCT		113	128	-7392.71100	-0.012	-1.159
				0.018	0.011	0.68
DZCT		113	128	-7679.54510	0.015	1.326
				0.019	0.011	0.83
GROUP: 112912.ASC ,obs#: 80						
DXCT		113	128	14805.84770	-0.001	-0.115
				0.009	0.007	0.04
DYCT		113	128	-7392.74430	0.021	1.152
				0.023	0.018	1.14
DZCT		113	128	-7679.50500	-0.025	-1.328
				0.024	0.019	1.37
GROUP: 112912.ASC ,obs#: 81						
DXCT		113	P 277	3314.34450	0.003	0.477
				0.007	0.006	0.56
DYCT		113	P 277	-2574.13440	0.007	0.482
				0.016	0.014	1.31
DZCT		113	P 277	-2898.37350	-0.021	-1.458
				0.016	0.014	4.05
GROUP: 112912.ASC ,obs#: 82						
DXCT		113	P 277	3314.34920	-0.002	-0.446
				0.006	0.004	0.36
DYCT		113	P 277	-2574.12250	-0.005	-0.496
				0.013	0.010	1.02

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DZCT		113	P 277	-2898.40930	0.015	1.476
				0.013	0.010	2.97
GROUP: 113012.ASC ,obs#: 83						
DXCT		125	8	13898.00110	-0.002	-0.372
				0.007	0.005	0.12
DYCT		125	8	-4323.15640	0.003	0.185
				0.022	0.015	0.18
DZCT		125	8	-3850.40820	-0.004	-0.392
				0.013	0.009	0.23
GROUP: 113012.ASC ,obs#: 84						
DXCT		125	8	13897.99720	0.002	0.374
				0.008	0.006	0.14
DYCT		125	8	-4323.15030	-0.003	-0.184
				0.025	0.018	0.22
DZCT		125	8	-3850.41600	0.004	0.393
				0.015	0.011	0.28
GROUP: 113012.ASC ,obs#: 85						
DXCT		134	9	9476.88620	-0.002	-0.233
				0.011	0.008	0.18
DYCT		134	9	-2869.01110	-0.002	-0.128
				0.025	0.018	0.22
DZCT		134	9	-2556.93310	-0.001	-0.100
				0.017	0.012	0.12
GROUP: 113012.ASC ,obs#: 86						
DXCT		134	9	9476.88270	0.002	0.230
				0.010	0.007	0.16
DYCT		134	9	-2869.01550	0.002	0.120
				0.025	0.018	0.21
DZCT		134	9	-2556.93540	0.001	0.097
				0.016	0.011	0.11
GROUP: 113012.ASC ,obs#: 87						
DXCT		134	10	-8200.72910	-0.001	-0.279
				0.005	0.003	0.12
DYCT		134	10	105.45480	0.003	0.344
				0.012	0.009	0.36
DZCT		134	10	-874.99900	-0.002	-0.225
				0.012	0.008	0.23
GROUP: 113012.ASC ,obs#: 88						
DXCT		134	10	-8200.73100	0.001	0.281
				0.005	0.003	0.11
DYCT		134	10	105.46070	-0.003	-0.346
				0.012	0.008	0.36
DZCT		134	10	-875.00270	0.002	0.226
				0.012	0.008	0.22
GROUP: 113012.ASC ,obs#: 89						
DXCT		125	129	2848.39800	0.001	0.403
				0.005	0.004	0.26
DYCT		125	129	-3248.37180	0.002	0.156
				0.015	0.011	0.31
DZCT		125	129	-3811.21380	0.001	0.180
				0.011	0.008	0.25
GROUP: 113012.ASC ,obs#: 90						

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DXCT		125	129	2848.40080	-0.001	-0.388
				0.005	0.003	0.23
DYCT		125	129	-3248.36850	-0.002	-0.155
				0.014	0.010	0.27
DZCT		125	129	-3811.21110	-0.001	-0.178
				0.010	0.007	0.22
GROUP: 113012.ASC ,obs#: 91						
DXCT		125	130	9589.02130	-0.001	-0.157
				0.007	0.005	0.07
DYCT		125	130	-2905.98290	0.001	0.064
				0.021	0.015	0.09
DZCT		125	130	-2565.75470	-0.005	-0.461
				0.014	0.011	0.47
GROUP: 113012.ASC ,obs#: 92						
DXCT		125	130	9589.01980	0.001	0.173
				0.006	0.004	0.07
DYCT		125	130	-2905.98120	-0.001	-0.054
				0.019	0.013	0.07
DZCT		125	130	-2565.76350	0.004	0.451
				0.013	0.009	0.38
GROUP: 113012.ASC ,obs#: 93						
DXCT		125	131	14217.32470	0.001	0.205
				0.008	0.005	0.07
DYCT		125	131	-4461.93930	0.004	0.258
				0.025	0.017	0.29
DZCT		125	131	-3991.99750	0.000	0.022
				0.015	0.010	0.01
GROUP: 113012.ASC ,obs#: 94						
DXCT		125	131	14217.32710	-0.001	-0.202
				0.009	0.006	0.08
DYCT		125	131	-4461.92960	-0.005	-0.258
				0.028	0.020	0.34
DZCT		125	131	-3991.99690	-0.000	-0.032
				0.016	0.012	0.02
GROUP: 113012.ASC ,obs#: 95						
DXCT		125	132	5774.24530	-0.004	-0.882
				0.006	0.004	0.29
DYCT		125	132	-7529.37050	0.006	0.554
				0.016	0.011	0.48
DZCT		125	132	-8919.06020	-0.002	-0.328
				0.011	0.007	0.19
GROUP: 113012.ASC ,obs#: 96						
DXCT		125	132	5774.23780	0.004	0.914
				0.006	0.004	0.28
DYCT		125	132	-7529.35760	-0.007	-0.600
				0.016	0.011	0.51
DZCT		125	132	-8919.06570	0.003	0.398
				0.011	0.008	0.24
GROUP: 113012.ASC ,obs#: 97						
DXCT		125	133	-631.15170	-0.004	-1.189
				0.005	0.003	0.35
DYCT		125	133	-6919.99550	0.004	0.485

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.012	0.008	0.36
DZCT		125	133	-8919.45090	0.002	0.340
				0.009	0.006	0.19
GROUP: 113012.ASC ,obs#: 98						
DXCT		125	133	-631.15990	0.004	1.194
				0.005	0.004	0.38
DYCT		125	133	-6919.98700	-0.004	-0.481
				0.013	0.009	0.39
DZCT		125	133	-8919.44640	-0.002	-0.343
				0.009	0.007	0.21
GROUP: 113012.ASC ,obs#: 99						
DXCT		125	134	-1646.01840	-0.008	-0.910
				0.011	0.009	0.52
DYCT		125	134	-9792.07360	0.014	0.610
				0.026	0.023	0.87
DZCT		125	134	-12734.27670	-0.017	-0.904
				0.021	0.018	1.03
GROUP: 113012.ASC ,obs#: 100						
DXCT		125	134	-1646.02820	0.001	0.183
				0.010	0.008	0.09
DYCT		125	134	-9792.08360	0.024	1.173
				0.023	0.020	1.49
DZCT		125	134	-12734.28920	-0.004	-0.249
				0.019	0.016	0.25
GROUP: 113012.ASC ,obs#: 101						
DXCT		125	135	-3514.09690	0.002	0.829
				0.006	0.002	0.29
DYCT		125	135	-2980.00070	-0.008	-1.068
				0.015	0.007	1.23
DZCT		125	135	-4259.35340	0.004	0.711
				0.015	0.006	0.71
GROUP: 113012.ASC ,obs#: 102						
DXCT		125	135	-3514.08590	-0.009	-0.575
				0.017	0.016	1.46
DYCT		125	135	-2980.02560	0.017	0.664
				0.029	0.026	2.74
DZCT		125	135	-4259.34570	-0.003	-0.100
				0.035	0.032	0.52
GROUP: 113012.ASC ,obs#: 103						
DXCT		125	136	-6564.95030	-0.000	-0.006
				0.012	0.011	0.01
DYCT		125	136	-2088.86810	0.016	0.755
				0.023	0.021	2.07
DZCT		125	136	-3491.42120	-0.011	-0.492
				0.024	0.022	1.41
GROUP: 113012.ASC ,obs#: 104						
DXCT		125	136	-6564.95060	0.000	0.137
				0.005	0.002	0.03
DYCT		125	136	-2088.84910	-0.003	-0.807
				0.010	0.004	0.39
DZCT		125	136	-3491.43420	0.002	0.540
				0.010	0.004	0.27

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 113012.ASC ,obs#: 105						
DXCT		125	137	-13066.05600	0.016	1.575
				0.013	0.010	1.21
DYCT		125	137	-1278.16670	-0.008	-0.446
				0.024	0.018	0.58
DZCT		125	137	-3236.61810	-0.021	-1.510
				0.023	0.014	1.53
GROUP: 113012.ASC ,obs#: 106						
DXCT		125	137	-13066.02420	-0.015	-1.722
				0.012	0.009	1.14
DYCT		125	137	-1278.15390	-0.021	-1.067
				0.026	0.019	1.53
DZCT		125	137	-3236.68940	0.051	1.930
				0.032	0.026	3.74
GROUP: 113012.ASC ,obs#: 107						
DXCT		125	138	-9444.13660	-0.001	-0.148
				0.007	0.005	0.06
DYCT		125	138	-5301.76050	0.001	0.091
				0.014	0.010	0.07
DZCT		125	138	-7956.35030	-0.007	-0.615
				0.015	0.011	0.52
GROUP: 113012.ASC ,obs#: 108						
DXCT		125	138	-9444.14310	0.006	1.073
				0.007	0.005	0.43
DYCT		125	138	-5301.76050	0.001	0.085
				0.014	0.011	0.07
DZCT		125	138	-7956.35830	0.001	0.078
				0.015	0.012	0.07
GROUP: 113012.ASC ,obs#: 109						
DXCT		134	138	-7798.10570	-0.005	-1.087
				0.007	0.005	0.48
DYCT		134	138	4490.29710	0.003	0.250
				0.017	0.012	0.29
DZCT		134	138	4777.93410	0.002	0.186
				0.015	0.010	0.18
GROUP: 113012.ASC ,obs#: 110						
DXCT		134	139	9471.19800	-0.001	-0.223
				0.009	0.006	0.12
DYCT		134	139	-2853.28020	-0.001	-0.056
				0.019	0.012	0.07
DZCT		134	139	-2538.00530	-0.002	-0.293
				0.013	0.008	0.24
GROUP: 113012.ASC ,obs#: 111						
DXCT		134	139	9471.19500	0.002	0.223
				0.010	0.008	0.17
DYCT		134	139	-2853.28190	0.001	0.055
				0.024	0.018	0.10
DZCT		134	139	-2538.01120	0.003	0.284
				0.016	0.012	0.34
GROUP: 113012.ASC ,obs#: 112						
DXCT		134	140	16669.22450	0.001	0.198
				0.010	0.006	0.07

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION STD DEV	RESIDUAL STD DEV	STD RES PPM
DYCT		134	140	-3484.42270	0.000	0.011
				0.022	0.014	0.01
DZCT		134	140	-2485.37390	-0.001	-0.100
				0.017	0.010	0.06
GROUP: 113012.ASC ,obs#: 113						
DXCT		134	140	16669.22780	-0.002	-0.198
				0.013	0.010	0.12
DYCT		134	140	-3484.42230	-0.000	-0.012
				0.028	0.022	0.01
DZCT		134	140	-2485.37660	0.002	0.100
				0.021	0.017	0.10
GROUP: 113012.ASC ,obs#: 114						
DXCT		134	141	6070.30990	-0.000	-0.028
				0.008	0.004	0.01
DYCT		134	141	-5480.95970	-0.001	-0.060
				0.020	0.010	0.06
DZCT		134	141	-6352.05060	-0.001	-0.062
				0.020	0.011	0.06
GROUP: 113012.ASC ,obs#: 115						
DXCT		134	141	6070.30950	0.000	0.024
				0.013	0.011	0.03
DYCT		134	141	-5480.96400	0.004	0.120
				0.035	0.031	0.36
DZCT		134	141	-6352.05360	0.002	0.087
				0.032	0.027	0.23
GROUP: 113012.ASC ,obs#: 116						
DXCT		134	142	-333.51440	0.001	0.246
				0.007	0.006	0.09
DYCT		134	142	-9398.26630	0.015	0.962
				0.019	0.016	1.00
DZCT		134	142	-12135.27330	-0.014	-0.832
				0.020	0.017	0.94
GROUP: 113012.ASC ,obs#: 117						
DXCT		134	142	-333.51390	0.001	0.310
				0.005	0.003	0.06
DYCT		134	142	-9398.25470	0.004	0.422
				0.013	0.009	0.24
DZCT		134	142	-12135.28380	-0.004	-0.408
				0.014	0.010	0.26
GROUP: 113012.ASC ,obs#: 118						
DXCT		134	143	-4987.37910	0.003	0.789
				0.006	0.004	0.48
DYCT		134	143	-2522.81450	0.002	0.150
				0.015	0.011	0.23
DZCT		134	143	-3845.84910	-0.002	-0.209
				0.015	0.011	0.34
GROUP: 113012.ASC ,obs#: 119						
DXCT		134	143	-4987.37290	-0.003	-0.789
				0.005	0.004	0.44
DYCT		134	143	-2522.81150	-0.001	-0.146
				0.014	0.010	0.21
DZCT		134	143	-3845.85350	0.002	0.207

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.015	0.010	0.31
GROUP: 113012.ASC ,obs#: 120						
DXCT		134	144	-7994.85540	-0.004	-0.897
				0.007	0.005	0.54
DYCT		134	144	-533.24230	-0.001	-0.100
				0.018	0.013	0.15
DZCT		134	144	-1683.55000	-0.001	-0.047
				0.018	0.013	0.07
GROUP: 113012.ASC ,obs#: 121						
DXCT		134	144	-7994.86430	0.004	0.899
				0.007	0.005	0.55
DYCT		134	144	-533.24480	0.001	0.098
				0.018	0.013	0.15
DZCT		134	144	-1683.55120	0.001	0.049
				0.018	0.013	0.08
GROUP: 113012.ASC ,obs#: 122						
DXCT		134	145	-9118.98540	-0.002	-0.306
				0.011	0.007	0.20
DYCT		134	145	3782.90690	0.003	0.165
				0.029	0.020	0.31
DZCT		134	145	3738.04920	-0.006	-0.450
				0.021	0.013	0.56
GROUP: 113012.ASC ,obs#: 123						
DXCT		134	145	-9118.98970	0.002	0.212
				0.013	0.010	0.20
DYCT		134	145	3782.91520	-0.005	-0.226
				0.031	0.022	0.48
DZCT		134	145	3738.03380	0.010	0.467
				0.026	0.020	0.90
GROUP: 120112.ASC ,obs#: 124						
DXCT		142	11	7529.84040	0.003	0.824
				0.005	0.004	0.38
DYCT		142	11	-747.31350	0.001	0.076
				0.012	0.009	0.09
DZCT		142	11	-35.82780	0.004	0.562
				0.009	0.006	0.48
GROUP: 120112.ASC ,obs#: 125						
DXCT		142	11	7529.84610	-0.003	-0.823
				0.005	0.003	0.37
DYCT		142	11	-747.31220	-0.001	-0.076
				0.012	0.008	0.08
DZCT		142	11	-35.82070	-0.003	-0.562
				0.009	0.006	0.46
GROUP: 120112.ASC ,obs#: 126						
DXCT		142	12	4980.68050	0.014	2.531
				0.007	0.005	0.76
DYCT		142	12	-10836.94570	-0.007	-0.507
				0.017	0.014	0.39
DZCT		142	12	-13459.07130	0.006	0.508
				0.013	0.011	0.31
GROUP: 120112.ASC ,obs#: 127						
DXCT		142	12	4980.69180	0.002	0.457

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.006	0.005	0.13
DYCT		142	12	-10836.97130	0.019	1.532
				0.015	0.012	1.03
DZCT		142	12	-13459.06240	-0.003	-0.324
				0.013	0.010	0.18
GROUP: 120112.ASC ,obs#: 128						
DXCT		142	13	-13300.29810	-0.011	-0.895
				0.016	0.013	0.84
DYCT		142	13	1094.58920	-0.006	-0.199
				0.038	0.030	0.45
DZCT		142	13	-227.31870	-0.037	-1.142
				0.037	0.032	2.78
GROUP: 120112.ASC ,obs#: 129						
DXCT		142	13	-13300.31470	0.005	0.790
				0.012	0.007	0.41
DYCT		142	13	1094.57700	0.006	0.358
				0.029	0.017	0.46
DZCT		142	13	-227.36220	0.006	0.565
				0.022	0.011	0.48
GROUP: 120112.ASC ,obs#: 130						
DXCT		142	146	5512.25720	-0.023	-1.656
				0.016	0.014	2.49
DYCT		142	146	-4920.15040	0.026	0.822
				0.037	0.031	2.75
DZCT		142	146	-5734.78840	-0.007	-0.312
				0.027	0.023	0.76
GROUP: 120112.ASC ,obs#: 131						
DXCT		142	146	5512.21540	0.019	2.695
				0.011	0.007	1.98
DYCT		142	146	-4920.14340	0.019	0.878
				0.030	0.021	2.00
DZCT		142	146	-5734.77140	-0.024	-1.768
				0.020	0.014	2.57
GROUP: 120112.ASC ,obs#: 132						
DXCT		142	147	7541.79620	-0.002	-0.444
				0.005	0.004	0.21
DYCT		142	147	-724.72060	0.001	0.167
				0.012	0.009	0.19
DZCT		142	147	-6.24040	-0.003	-0.460
				0.009	0.006	0.39
GROUP: 120112.ASC ,obs#: 133						
DXCT		142	147	7541.79330	0.001	0.444
				0.004	0.003	0.18
DYCT		142	147	-724.71790	-0.001	-0.167
				0.011	0.007	0.16
DZCT		142	147	-6.24590	0.003	0.460
				0.008	0.006	0.34
GROUP: 120112.ASC ,obs#: 134						
DXCT		142	148	15603.56760	-0.006	-0.577
				0.013	0.011	0.39
DYCT		142	148	-853.62330	-0.006	-0.300
				0.029	0.020	0.39

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DZCT		142	148	759.87250	0.000	0.016
				0.020	0.018	0.02
GROUP: 120112.ASC ,obs#: 135						
DXCT		142	148	15603.55590	0.006	0.805
				0.010	0.007	0.35
DYCT		142	148	-853.64950	0.020	0.604
				0.039	0.033	1.28
DZCT		142	148	759.87130	0.002	0.330
				0.010	0.005	0.10
GROUP: 120112.ASC ,obs#: 136						
DXCT		142	149	15075.20050	-0.001	-0.168
				0.009	0.006	0.06
DYCT		142	149	-6833.18260	0.003	0.169
				0.026	0.018	0.17
DZCT		142	149	-7040.74710	-0.008	-0.707
				0.018	0.012	0.47
GROUP: 120112.ASC ,obs#: 137						
DXCT		142	149	15075.19870	0.001	0.107
				0.010	0.007	0.04
DYCT		142	149	-6833.17440	-0.005	-0.242
				0.029	0.021	0.29
DZCT		142	149	-7040.76700	0.012	0.719
				0.021	0.016	0.64
GROUP: 120112.ASC ,obs#: 138						
DXCT		142	150	7387.01400	0.002	0.431
				0.006	0.005	0.13
DYCT		142	150	-8116.73050	0.013	1.013
				0.017	0.012	0.86
DZCT		142	150	-9646.63200	-0.002	-0.177
				0.012	0.009	0.11
GROUP: 120112.ASC ,obs#: 139						
DXCT		142	150	7387.01790	-0.002	-0.448
				0.006	0.004	0.13
DYCT		142	150	-8116.70700	-0.011	-1.001
				0.016	0.011	0.75
DZCT		142	150	-9646.63460	0.001	0.123
				0.012	0.008	0.07
GROUP: 120112.ASC ,obs#: 140						
DXCT		142	151	644.19670	-0.010	-0.976
				0.011	0.010	0.56
DYCT		142	151	-10445.65590	-0.010	-0.428
				0.026	0.024	0.59
DZCT		142	151	-13425.77510	0.014	0.634
				0.025	0.022	0.82
GROUP: 120112.ASC ,obs#: 141						
DXCT		142	151	644.19730	-0.010	-1.408
				0.009	0.007	0.60
DYCT		142	151	-10445.66570	-0.000	-0.019
				0.019	0.016	0.02
DZCT		142	151	-13425.76570	0.005	0.298
				0.019	0.015	0.27
GROUP: 120112.ASC ,obs#: 142						

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DXCT		1001	151	-6.62780	0.006	2.127
				0.005	0.003	923.09
DYCT		1001	151	-0.21930	0.004	0.442
				0.014	0.008	541.21
DZCT		1001	151	-1.13520	-0.008	-0.789
				0.015	0.010	1198.81
GROUP: 120112.ASC ,obs#: 143						
DXCT		142	152	1403.44280	0.007	1.077
				0.009	0.007	0.80
DYCT		142	152	-5626.02940	0.001	0.061
				0.019	0.014	0.10
DZCT		142	152	-7128.33070	-0.008	-0.468
				0.024	0.018	0.91
GROUP: 120112.ASC ,obs#: 144						
DXCT		142	152	1403.45650	-0.006	-1.074
				0.009	0.006	0.69
DYCT		142	152	-5626.02730	-0.001	-0.103
				0.018	0.012	0.13
DZCT		142	152	-7128.34680	0.008	0.523
				0.022	0.015	0.85
GROUP: 120112.ASC ,obs#: 145						
DXCT		142	153	-9559.00420	-0.002	-0.424
				0.008	0.006	0.25
DYCT		142	153	910.83010	-0.002	-0.149
				0.017	0.012	0.19
DZCT		142	153	-25.35070	-0.011	-0.860
				0.018	0.013	1.16
GROUP: 120112.ASC ,obs#: 146						
DXCT		142	153	-9559.00890	0.002	0.432
				0.008	0.005	0.24
DYCT		142	153	910.82640	0.002	0.160
				0.017	0.012	0.20
DZCT		142	153	-25.37230	0.010	0.856
				0.018	0.012	1.09
GROUP: 120112.ASC ,obs#: 147						
DXCT		142	154	-14672.41530	0.008	1.273
				0.009	0.007	0.54
DYCT		142	154	3878.35460	0.028	1.604
				0.027	0.017	1.79
DZCT		142	154	3203.02000	0.002	0.217
				0.015	0.011	0.15
GROUP: 120112.ASC ,obs#: 148						
DXCT		142	154	-14672.39520	-0.012	-1.738
				0.009	0.007	0.76
DYCT		142	154	3878.43300	-0.051	-1.958
				0.033	0.026	3.27
DZCT		142	154	3203.01570	0.007	0.576
				0.016	0.012	0.43
GROUP: 120112.ASC ,obs#: 149						
DXCT		142	155	-10838.84440	-0.004	-0.731
				0.008	0.005	0.31
DYCT		142	155	-2449.45760	-0.009	-0.594

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.022	0.015	0.75
DZCT		142	155	-4494.29910	0.007	0.881
				0.011	0.008	0.56
GROUP: 120112.ASC ,obs#: 150						
DXCT		142	155	-10838.85270	0.005	0.728
				0.008	0.006	0.38
DYCT		142	155	-2449.47730	0.011	0.595
				0.024	0.018	0.90
DZCT		142	155	-4494.28440	-0.008	-0.879
				0.012	0.009	0.67
GROUP: 120112.ASC ,obs#: 151						
DXCT		1001	156	-1215.52900	-0.012	-0.690
				0.018	0.018	0.68
DYCT		1001	156	-10710.95530	-0.011	-0.305
				0.037	0.035	0.60
DZCT		1001	156	-14104.61350	0.004	0.129
				0.032	0.030	0.22
GROUP: 120112.ASC ,obs#: 152						
DXCT		1001	156	-1215.54540	0.004	0.329
				0.014	0.013	0.24
DYCT		1001	156	-10710.95930	-0.007	-0.221
				0.033	0.030	0.38
DZCT		1001	156	-14104.61590	0.006	0.260
				0.026	0.024	0.35
GROUP: 120112.ASC ,obs#: 153						
DXCT		1001	156	-1215.54910	0.008	0.621
				0.014	0.013	0.45
DYCT		1001	156	-10710.99830	0.032	1.092
				0.032	0.030	1.82
DZCT		1001	156	-14104.60290	-0.007	-0.290
				0.025	0.023	0.38
GROUP: 120112.ASC ,obs#: 154						
DXCT		142	1001	650.80840	0.000	0.034
				0.010	0.009	0.02
DYCT		142	1001	-10445.44460	-0.006	-0.269
				0.023	0.021	0.34
DZCT		142	1001	-13424.61950	0.002	0.082
				0.022	0.020	0.10
GROUP: 120112.ASC ,obs#: 155						
DXCT		142	1001	650.81160	-0.003	-0.387
				0.008	0.007	0.17
DYCT		142	1001	-10445.44130	-0.009	-0.502
				0.020	0.018	0.53
DZCT		142	1001	-13424.61580	-0.002	-0.122
				0.019	0.017	0.12
GROUP: 120112.ASC ,obs#: 156						
DXCT		142	F 246	7595.67210	0.004	0.815
				0.008	0.005	0.31
DYCT		142	F 246	-7878.99510	-0.003	-0.281
				0.017	0.011	0.22
DZCT		142	F 246	-9311.22340	-0.003	-0.221
				0.020	0.014	0.21

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 120112.ASC ,obs#: 157						
DXCT		142	F 246	7595.68150	-0.005	-0.817
				0.008	0.006	0.35
DYCT		142	F 246	-7879.00180	0.004	0.276
				0.018	0.013	0.25
DZCT		142	F 246	-9311.23000	0.004	0.228
				0.021	0.016	0.25
GROUP: 120112.ASC ,obs#: 158						
DXCT		142	KINNE	5448.89670	0.026	6.304
				0.005	0.004	2.51
					^^^^^^^^^^^^^^^^	
DYCT		142	KINNE	-5789.78360	-0.020	-2.243
				0.013	0.009	1.95
DZCT		142	KINNE	-6813.19470	-0.014	-2.217
				0.009	0.006	1.29
GROUP: 120112.ASC ,obs#: 159						
DXCT		142	KINNE	5448.89860	0.024	3.932
				0.007	0.006	2.32
DYCT		142	KINNE	-5789.77800	-0.026	-1.927
				0.016	0.014	2.49
DZCT		142	KINNE	-6813.20650	-0.002	-0.197
				0.011	0.009	0.17
GROUP: 120112.ASC ,obs#: 160						
DXCT		142	M 55	13724.30490	-0.020	-4.939
				0.005	0.004	1.35
					^^^^^^^^^^^^^^^^	
DYCT		142	M 55	-3639.77700	0.015	1.486
				0.013	0.010	1.03
DZCT		142	M 55	-3075.39700	0.009	1.349
				0.009	0.007	0.64
GROUP: 120112.ASC ,obs#: 161						
DXCT		142	M 55	13724.30540	-0.020	-4.737
				0.005	0.004	1.39
					^^^^^^^^^^^^^^^^	
DYCT		142	M 55	-3639.77820	0.016	1.480
				0.014	0.011	1.11
DZCT		142	M 55	-3075.39520	0.008	0.967
				0.010	0.008	0.52
GROUP: 120112.ASC ,obs#: 162						
DXCT		1001	REBAR	-1208.81680	0.004	0.323
				0.014	0.013	0.23
DYCT		1001	REBAR	-10725.49230	0.014	0.469
				0.032	0.029	0.78
DZCT		1001	REBAR	-14121.48370	-0.009	-0.398
				0.025	0.023	0.51
GROUP: 120112.ASC ,obs#: 163						
DXCT		1001	REBAR	-1208.81860	0.006	0.612
				0.011	0.010	0.33
DYCT		1001	REBAR	-10725.47190	-0.007	-0.298
				0.026	0.022	0.37
DZCT		1001	REBAR	-14121.50230	0.009	0.560
				0.020	0.017	0.53

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 120212.ASC ,obs#: 164						
DXCT		1001	12	4329.89520	-0.010	-3.171
				0.005	0.003	2.25
DYCT		1001	12	-391.48310	-0.019	-2.217
				0.013	0.009	4.45
DZCT		1001	12	-34.45180	0.004	0.778
				0.009	0.005	0.91
GROUP: 120212.ASC ,obs#: 165						
DXCT		1001	14	14467.37320	0.009	0.918
				0.011	0.009	0.53
DYCT		1001	14	-5167.86580	-0.015	-0.581
				0.031	0.027	0.95
DZCT		1001	14	-5050.73790	0.011	0.660
				0.020	0.017	0.69
GROUP: 120212.ASC ,obs#: 166						
DXCT		1001	14	14467.38530	-0.004	-0.922
				0.007	0.004	0.22
DYCT		1001	14	-5167.88750	0.006	0.583
				0.020	0.011	0.39
DZCT		1001	14	-5050.72210	-0.005	-0.662
				0.013	0.007	0.28
GROUP: 120212.ASC ,obs#: 167						
DXCT		1001	15	-13549.54110	0.002	0.339
				0.007	0.005	0.12
DYCT		1001	15	-1545.74270	0.003	0.213
				0.018	0.013	0.19
DZCT		1001	15	-3634.73970	-0.000	-0.011
				0.012	0.008	0.01
GROUP: 120212.ASC ,obs#: 168						
DXCT		1001	15	-13549.53760	-0.002	-0.340
				0.007	0.005	0.13
DYCT		1001	15	-1545.73700	-0.003	-0.215
				0.019	0.014	0.21
DZCT		1001	15	-3634.73990	0.000	0.012
				0.012	0.009	0.01
GROUP: 120212.ASC ,obs#: 169						
DXCT		156	16	9474.78930	0.000	0.081
				0.005	0.004	0.03
DYCT		156	16	-2845.85350	-0.008	-0.890
				0.013	0.009	0.78
DZCT		156	16	-2576.34610	0.005	0.632
				0.012	0.009	0.53
GROUP: 120212.ASC ,obs#: 170						
DXCT		156	16	9474.78990	-0.000	-0.085
				0.005	0.004	0.03
DYCT		156	16	-2845.86910	0.008	0.890
				0.012	0.009	0.74
DZCT		156	16	-2576.33560	-0.005	-0.673
				0.011	0.008	0.50
GROUP: 120212.ASC ,obs#: 171						
DXCT		1001	157	4388.52270	-0.003	-0.890
				0.005	0.004	0.76

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DYCT		1001	157	-379.38000	0.004	0.395
				0.013	0.010	0.89
DZCT		1001	157	-15.29240	-0.000	-0.006
				0.009	0.007	0.01
GROUP: 120212.ASC ,obs#: 172						
DXCT		1001	157	4388.51670	0.003	0.889
				0.005	0.003	0.61
DYCT		1001	157	-379.37290	-0.003	-0.396
				0.012	0.008	0.72
DZCT		1001	157	-15.29250	0.000	0.010
				0.008	0.006	0.01
GROUP: 120212.ASC ,obs#: 173						
DXCT		1001	158	8909.24920	-0.004	-0.543
				0.008	0.007	0.35
DYCT		1001	158	-3969.34470	0.010	0.513
				0.023	0.019	0.93
DZCT		1001	158	-4129.74560	0.001	0.074
				0.016	0.013	0.09
GROUP: 120212.ASC ,obs#: 174						
DXCT		1001	158	8909.24380	0.002	0.585
				0.005	0.003	0.16
DYCT		1001	158	-3969.32970	-0.005	-0.581
				0.016	0.009	0.48
DZCT		1001	158	-4129.74440	-0.000	-0.038
				0.011	0.006	0.02
GROUP: 120212.ASC ,obs#: 175						
DXCT		1001	159	14150.46760	0.002	0.392
				0.006	0.004	0.11
DYCT		1001	159	-4414.57520	-0.011	-0.987
				0.016	0.012	0.75
DZCT		1001	159	-4108.81210	0.004	0.534
				0.011	0.008	0.26
GROUP: 120212.ASC ,obs#: 176						
DXCT		1001	159	14150.47120	-0.002	-0.496
				0.006	0.004	0.13
DYCT		1001	159	-4414.59730	0.011	1.035
				0.015	0.010	0.69
DZCT		1001	159	-4108.80440	-0.004	-0.507
				0.010	0.007	0.24
GROUP: 120212.ASC ,obs#: 177						
DXCT		1001	160	13399.41900	0.002	0.577
				0.005	0.004	0.16
DYCT		1001	160	-2124.02260	-0.006	-0.553
				0.015	0.010	0.42
DZCT		1001	160	-1205.45550	-0.001	-0.184
				0.010	0.007	0.10
GROUP: 120212.ASC ,obs#: 178						
DXCT		1001	160	13399.42360	-0.002	-0.575
				0.006	0.004	0.18
DYCT		1001	160	-2124.03460	0.006	0.539
				0.016	0.012	0.46
DZCT		1001	160	-1205.45850	0.002	0.206

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION	RESIDUAL	STD RES
				STD DEV	STD DEV	PPM
				0.011	0.008	0.12
GROUP: 120212.ASC ,obs#: 179						
DXCT		1001	161	9546.74430	0.001	0.172
				0.013	0.007	0.08
DYCT		1001	161	-7744.56670	0.007	0.413
				0.032	0.018	0.48
DZCT		1001	161	-8953.53740	-0.003	-0.226
				0.026	0.014	0.20
GROUP: 120212.ASC ,obs#: 180						
DXCT		1001	161	9546.74770	-0.002	-0.134
				0.019	0.016	0.14
DYCT		1001	161	-7744.54320	-0.016	-0.384
				0.050	0.042	1.07
DZCT		1001	161	-8953.54850	0.008	0.212
				0.044	0.038	0.53
GROUP: 120212.ASC ,obs#: 181						
DXCT		1001	162	518.51160	0.004	1.038
				0.006	0.004	0.37
DYCT		1001	162	-6922.50370	0.004	0.389
				0.014	0.009	0.33
DZCT		1001	162	-8955.25610	-0.001	-0.162
				0.012	0.008	0.12
GROUP: 120212.ASC ,obs#: 182						
DXCT		1001	162	518.52020	-0.004	-1.037
				0.006	0.004	0.39
DYCT		1001	162	-6922.49610	-0.004	-0.387
				0.014	0.010	0.35
DZCT		1001	162	-8955.25890	0.001	0.162
				0.012	0.009	0.13
GROUP: 120212.ASC ,obs#: 183						
DXCT		1001	163	-3497.98500	-0.002	-0.430
				0.005	0.004	0.23
DYCT		1001	163	-3560.43820	-0.001	-0.159
				0.010	0.009	0.19
DZCT		1001	163	-5041.23230	-0.004	-0.509
				0.010	0.008	0.60
GROUP: 120212.ASC ,obs#: 184						
DXCT		1001	163	-3497.98440	-0.002	-0.624
				0.004	0.004	0.31
DYCT		1001	163	-3560.44590	0.006	0.774
				0.010	0.008	0.89
DZCT		1001	163	-5041.23710	0.001	0.073
				0.010	0.008	0.08
GROUP: 120212.ASC ,obs#: 185						
DXCT		1001	163	-3497.99030	0.004	1.038
				0.004	0.004	0.52
DYCT		1001	163	-3560.43460	-0.005	-0.617
				0.010	0.008	0.70
DZCT		1001	163	-5041.23980	0.003	0.421
				0.010	0.008	0.46
GROUP: 120212.ASC ,obs#: 186						
DXCT		1001	164	-10760.50900	-0.004	-0.364

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.015	0.011	0.26
DYCT		1001	164	-5870.98280	-0.000	-0.010
				0.034	0.025	0.02
DZCT		1001	164	-8943.15680	-0.003	-0.128
				0.029	0.021	0.18
GROUP: 120212.ASC ,obs#: 187						
DXCT		1001	164	-10760.51630	0.003	0.366
				0.013	0.009	0.22
DYCT		1001	164	-5870.98330	0.000	0.011
				0.031	0.021	0.02
DZCT		1001	164	-8943.16180	0.002	0.129
				0.026	0.018	0.15
GROUP: 120212.ASC ,obs#: 188						
DXCT		1001	165	-13668.82680	0.002	0.441
				0.006	0.004	0.11
DYCT		1001	165	-1533.19760	-0.002	-0.197
				0.017	0.010	0.14
DZCT		1001	165	-3634.92290	0.005	0.733
				0.011	0.006	0.33
GROUP: 120212.ASC ,obs#: 189						
DXCT		1001	165	-13668.82190	-0.003	-0.445
				0.009	0.007	0.23
DYCT		1001	165	-1533.20260	0.003	0.153
				0.024	0.020	0.21
DZCT		1001	165	-3634.90950	-0.009	-0.719
				0.015	0.012	0.61
GROUP: 120212.ASC ,obs#: 190						
DXCT		1001	166	-14633.02450	0.003	0.540
				0.008	0.005	0.16
DYCT		1001	166	4346.62840	0.019	1.042
				0.030	0.018	1.21
DZCT		1001	166	3835.35280	-0.005	-0.745
				0.011	0.007	0.33
GROUP: 120212.ASC ,obs#: 191						
DXCT		1001	166	-14633.01780	-0.004	-0.533
				0.010	0.008	0.26
DYCT		1001	166	4346.67810	-0.031	-1.043
				0.037	0.029	1.95
DZCT		1001	166	3835.33910	0.008	0.735
				0.015	0.012	0.54
GROUP: 120212.ASC ,obs#: 192						
DXCT		1001	167	-7014.45890	-0.008	-1.421
				0.008	0.006	1.02
DYCT		1001	167	2629.46250	0.002	0.094
				0.029	0.021	0.25
DZCT		1001	167	2536.84370	-0.008	-0.974
				0.012	0.009	1.06
GROUP: 120212.ASC ,obs#: 193						
DXCT		1001	167	-7014.47700	0.010	1.491
				0.009	0.007	1.27
DYCT		1001	167	2629.46690	-0.002	-0.134
				0.026	0.018	0.30

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DZCT		1001	167	2536.82470	0.011	1.129
				0.013	0.009	1.34
GROUP: 120212.ASC ,obs#: 194						
DXCT		156	168	9460.25850	0.001	0.128
				0.008	0.006	0.07
DYCT		156	168	-2831.60000	-0.004	-0.260
				0.020	0.014	0.35
DZCT		156	168	-2559.99940	0.007	0.562
				0.017	0.012	0.68
GROUP: 120212.ASC ,obs#: 195						
DXCT		156	168	9460.26000	-0.001	-0.129
				0.008	0.006	0.07
DYCT		156	168	-2831.60720	0.004	0.257
				0.020	0.014	0.35
DZCT		156	168	-2559.98550	-0.007	-0.561
				0.018	0.012	0.68
GROUP: 120212.ASC ,obs#: 196						
DXCT		156	169	17020.23290	0.012	1.402
				0.010	0.008	0.66
DYCT		156	169	-3991.94120	0.004	0.234
				0.021	0.016	0.21
DZCT		156	169	-3217.18160	0.001	0.088
				0.017	0.013	0.06
GROUP: 120212.ASC ,obs#: 197						
DXCT		156	169	17020.25000	-0.005	-1.353
				0.007	0.004	0.30
DYCT		156	169	-3991.93470	-0.003	-0.278
				0.016	0.010	0.15
DZCT		156	169	-3217.18050	0.000	0.007
				0.013	0.008	0.00
GROUP: 120212.ASC ,obs#: 198						
DXCT		156	PARSONS	5050.65980	0.000	0.087
				0.006	0.004	0.06
DYCT		156	PARSONS	-2079.51620	0.002	0.172
				0.015	0.011	0.32
DZCT		156	PARSONS	-2108.13100	-0.006	-0.556
				0.015	0.011	1.06
GROUP: 120212.ASC ,obs#: 199						
DXCT		156	PARSONS	5050.66050	-0.000	-0.085
				0.006	0.004	0.06
DYCT		156	PARSONS	-2079.51270	-0.002	-0.169
				0.014	0.010	0.28
DZCT		156	PARSONS	-2108.14260	0.005	0.555
				0.014	0.010	0.92
GROUP: 120212.ASC ,obs#: 200						
DXCT		156	REBAR	6.73060	-0.002	-0.712
				0.004	0.003	92.18
DYCT		156	REBAR	-14.51120	-0.001	-0.152
				0.011	0.009	56.83
DZCT		156	REBAR	-16.88120	-0.002	-0.190
				0.012	0.010	84.83
GROUP: 120312.ASC ,obs#: 201						

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DXCT		156	17	-8185.08110	-0.016	-4.372
				0.005	0.004	1.85
					^^^^^^^^^^^^^^^^	
DYCT		156	17	-1242.33690	0.003	0.272
				0.014	0.010	0.33
DZCT		156	17	-2618.73150	-0.000	-0.005
				0.010	0.007	0.00
GROUP: 120312.ASC ,obs#: 202						
DXCT		156	17	-8185.11040	0.013	4.353
				0.005	0.003	1.52
					^^^^^^^^^^^^^^^^	
DYCT		156	17	-1242.33220	-0.002	-0.224
				0.012	0.008	0.21
DZCT		156	17	-2618.73080	-0.001	-0.126
				0.009	0.006	0.08
GROUP: 120312.ASC ,obs#: 203						
DXCT		156	18	2332.51640	0.005	0.490
				0.014	0.010	0.30
DYCT		156	18	-10106.87530	-0.001	-0.048
				0.028	0.021	0.06
DZCT		156	18	-12922.76760	0.005	0.256
				0.028	0.021	0.32
GROUP: 120312.ASC ,obs#: 204						
DXCT		156	18	2332.52570	-0.004	-0.516
				0.012	0.008	0.26
DYCT		156	18	-10106.87770	0.001	0.079
				0.026	0.018	0.09
DZCT		156	18	-12922.75680	-0.005	-0.307
				0.026	0.018	0.33
GROUP: 120312.ASC ,obs#: 205						
DXCT		MOCA	156	-84144.17510	0.046	1.066
				0.044	0.044	0.53
DYCT		MOCA	156	20078.69800	-0.032	-0.877
				0.044	0.036	0.36
DZCT		MOCA	156	16926.54380	0.018	0.459
				0.044	0.039	0.20
GROUP: 120312.ASC ,obs#: 206						
DXCT		MONE	156	-88385.70670	0.036	0.717
				0.051	0.051	0.36
DYCT		MONE	156	-26295.00030	-0.005	-0.120
				0.051	0.045	0.05
DZCT		MONE	156	-43626.57120	0.004	0.080
				0.051	0.047	0.04
GROUP: 120312.ASC ,obs#: 207						
DXCT		156	170	-7973.02760	-0.000	-0.107
				0.005	0.004	0.05
DYCT		156	170	712.70590	0.003	0.311
				0.013	0.010	0.37
DZCT		156	170	-32.39990	0.003	0.425
				0.010	0.007	0.37
GROUP: 120312.ASC ,obs#: 208						
DXCT		156	170	-7973.02830	0.000	0.106

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.004	0.003	0.04
DYCT		156	170	712.71140	-0.003	-0.311
				0.012	0.008	0.32
DZCT		156	170	-32.39440	-0.003	-0.423
				0.009	0.006	0.32
GROUP: 120312.ASC ,obs#: 209						
DXCT		156	171	-16609.99400	0.003	0.415
				0.009	0.006	0.15
DYCT		156	171	-512.19250	-0.002	-0.101
				0.026	0.017	0.10
DZCT		156	171	-2731.41770	-0.006	-0.600
				0.016	0.011	0.38
GROUP: 120312.ASC ,obs#: 210						
DXCT		156	171	-16609.98820	-0.003	-0.412
				0.010	0.008	0.19
DYCT		156	171	-512.19650	0.002	0.103
				0.029	0.022	0.13
DZCT		156	171	-2731.43210	0.008	0.598
				0.018	0.013	0.47
GROUP: 120312.ASC ,obs#: 211						
DXCT		156	172	-9744.70830	-0.004	-0.472
				0.017	0.009	0.30
DYCT		156	172	-5271.21270	-0.005	-0.269
				0.039	0.020	0.39
DZCT		156	172	-8060.94160	-0.002	-0.123
				0.025	0.013	0.11
GROUP: 120312.ASC ,obs#: 212						
DXCT		156	172	-9744.72380	0.011	0.459
				0.029	0.025	0.83
DYCT		156	172	-5271.23390	0.016	0.283
				0.065	0.056	1.16
DZCT		156	172	-8060.94660	0.003	0.098
				0.041	0.035	0.25
GROUP: 120312.ASC ,obs#: 213						
DXCT		156	173	-1032.39020	0.006	1.157
				0.008	0.005	0.49
DYCT		156	173	-7781.24320	0.003	0.138
				0.027	0.021	0.23
DZCT		156	173	-10311.05350	0.010	0.752
				0.017	0.013	0.74
GROUP: 120312.ASC ,obs#: 214						
DXCT		156	173	-1032.37550	-0.008	-1.432
				0.008	0.006	0.64
DYCT		156	173	-7781.23740	-0.003	-0.228
				0.020	0.012	0.22
DZCT		156	173	-10311.03010	-0.014	-1.235
				0.016	0.011	1.06
GROUP: 120312.ASC ,obs#: 215						
DXCT		156	174	714.87050	-0.003	-0.646
				0.006	0.004	0.17
DYCT		156	174	-9964.42790	-0.005	-0.421
				0.016	0.012	0.32

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DZCT		156	174	-12940.31310	0.004	0.382
				0.015	0.011	0.26
GROUP: 120312.ASC ,obs#: 216						
DXCT		156	174	714.85080	0.017	1.392
				0.013	0.012	1.03
DYCT		156	174	-9964.40550	-0.028	-0.851
				0.034	0.032	1.69
DZCT		156	174	-12940.31890	0.010	0.341
				0.031	0.030	0.62
GROUP: 120312.ASC ,obs#: 217						
DXCT		156	174	714.87090	-0.003	-0.293
				0.012	0.011	0.20
DYCT		156	174	-9964.42550	-0.008	-0.291
				0.028	0.026	0.47
DZCT		156	174	-12940.31990	0.011	0.429
				0.028	0.026	0.68
GROUP: 120312.ASC ,obs#: 218						
DXCT		MOCA	174	-83429.33590	0.075	1.803
				0.042	0.042	0.89
DYCT		MOCA	174	10114.20500	0.028	0.834
				0.042	0.034	0.33
DZCT		MOCA	174	3986.25890	-0.006	-0.158
				0.042	0.037	0.07
GROUP: 120312.ASC ,obs#: 219						
DXCT		MONE	174	-87670.84280	0.040	0.730
				0.055	0.055	0.36
DYCT		MONE	174	-36259.41100	-0.028	-0.565
				0.055	0.049	0.25
DZCT		MONE	174	-56566.90630	0.030	0.583
				0.055	0.052	0.27
GROUP: 120312.ASC ,obs#: 220						
DXCT		156	175	11183.89390	-0.001	-0.134
				0.010	0.006	0.04
DYCT		156	175	-10415.63460	-0.003	-0.232
				0.020	0.013	0.16
DZCT		156	175	-12300.23000	0.003	0.206
				0.021	0.014	0.15
GROUP: 120312.ASC ,obs#: 221						
DXCT		156	175	11183.89190	0.001	0.135
				0.011	0.008	0.06
DYCT		156	175	-10415.64180	0.004	0.232
				0.023	0.018	0.21
DZCT		156	175	-12300.22340	-0.004	-0.206
				0.024	0.018	0.19
GROUP: 120312.ASC ,obs#: 222						
DXCT		156	176	14561.05670	-0.005	-0.906
				0.007	0.006	0.35
DYCT		156	176	-312.47270	-0.010	-0.788
				0.016	0.012	0.66
DZCT		156	176	1308.07210	0.009	0.715
				0.016	0.012	0.60
GROUP: 120312.ASC ,obs#: 223						

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
DXCT		156	176	14561.04810	0.004	0.889
				0.006	0.004	0.24
DYCT		156	176	-312.48900	0.007	0.762
				0.014	0.009	0.46
DZCT		156	176	1308.08680	-0.006	-0.694
				0.013	0.008	0.40
GROUP: 120312.ASC ,obs#: 224						
DXCT		156	177	7373.75190	0.001	0.196
				0.008	0.005	0.13
DYCT		156	177	-2448.00810	0.013	0.998
				0.019	0.013	1.64
DZCT		156	177	-2311.93280	-0.000	-0.020
				0.015	0.011	0.03
GROUP: 120312.ASC ,obs#: 225						
DXCT		156	177	7373.75410	-0.001	-0.198
				0.008	0.006	0.14
DYCT		156	177	-2447.98030	-0.014	-1.066
				0.019	0.014	1.79
DZCT		156	177	-2311.93350	0.000	0.049
				0.014	0.010	0.06
GROUP: 120312.ASC ,obs#: 226						
DXCT		156	178	3238.58190	-0.005	-0.896
				0.007	0.005	0.79
DYCT		156	178	-3312.16080	-0.004	-0.267
				0.023	0.016	0.71
DZCT		156	178	-3949.77050	0.006	0.723
				0.011	0.008	0.93
GROUP: 120312.ASC ,obs#: 227						
DXCT		156	178	3238.57290	0.004	0.885
				0.007	0.005	0.69
DYCT		156	178	-3312.16840	0.003	0.207
				0.022	0.016	0.54
DZCT		156	178	-3949.76010	-0.005	-0.667
				0.010	0.007	0.78
GROUP: 120312.ASC ,obs#: 228						
DXCT		174	179	-226.10790	0.003	0.552
				0.006	0.005	0.86
DYCT		174	179	-1831.19760	0.001	0.130
				0.014	0.011	0.46
DZCT		174	179	-2429.11570	-0.001	-0.079
				0.010	0.007	0.18
GROUP: 120312.ASC ,obs#: 229						
DXCT		174	179	-226.10320	-0.002	-0.551
				0.006	0.004	0.68
DYCT		174	179	-1831.19510	-0.001	-0.130
				0.013	0.009	0.36
DZCT		174	179	-2429.11670	0.000	0.077
				0.009	0.006	0.14
GROUP: 120312.ASC ,obs#: 230						
DXCT		174	180	-992.09820	-0.008	-0.667
				0.013	0.012	0.50
DYCT		174	180	-9713.01490	0.027	0.925

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
				0.031	0.029	1.67
DZCT		174	180	-12896.32120	0.016	0.750
				0.023	0.021	0.99
GROUP: 120312.ASC ,obs#: 231						
DXCT		174	180	-992.11440	0.008	1.032
				0.009	0.008	0.50
DYCT		174	180	-9712.99200	0.004	0.221
				0.021	0.019	0.25
DZCT		174	180	-12896.30550	0.000	0.018
				0.016	0.014	0.02
GROUP: 120312.ASC ,obs#: 232						
DXCT		174	180	-992.11200	0.006	0.707
				0.009	0.008	0.36
DYCT		174	180	-9712.99470	0.007	0.344
				0.023	0.020	0.42
DZCT		174	180	-12896.30070	-0.005	-0.312
				0.017	0.015	0.28
GROUP: 120312.ASC ,obs#: 233						
DXCT		174	181	-5796.47980	0.007	0.805
				0.010	0.008	0.41
DYCT		174	181	-8997.94900	0.006	0.303
				0.023	0.020	0.37
DZCT		174	181	-12519.19980	0.011	0.636
				0.019	0.017	0.66
GROUP: 120312.ASC ,obs#: 234						
DXCT		174	181	-5796.47820	0.005	0.532
				0.011	0.010	0.31
DYCT		174	181	-8997.93460	-0.008	-0.354
				0.026	0.023	0.50
DZCT		174	181	-12519.20330	0.014	0.728
				0.022	0.020	0.87
GROUP: 120312.ASC ,obs#: 235						
DXCT		156	NAIL	736.98200	0.019	1.613
				0.013	0.012	1.18
DYCT		156	NAIL	-9958.48160	0.034	1.197
				0.031	0.028	2.06
DZCT		156	NAIL	-12929.23540	0.009	0.303
				0.031	0.028	0.52
GROUP: 120312.ASC ,obs#: 236						
DXCT		174	NAIL	22.13490	-0.001	-1.527
				0.003	0.001	51.38
DYCT		174	NAIL	5.98770	-0.002	-0.977
				0.009	0.003	96.70
DZCT		174	NAIL	11.08230	-0.000	-0.117
				0.010	0.003	13.61
GROUP: 120312.ASC ,obs#: 237						
DXCT		156	REBAR	6.72700	0.001	0.522
				0.004	0.003	62.61
DYCT		156	REBAR	-14.51600	0.003	0.467
				0.010	0.007	149.55
DZCT		156	REBAR	-16.88310	-0.000	-0.018
				0.007	0.004	3.13

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION / STD DEV	RESIDUAL / STD DEV	STD RES / PPM
GROUP: 120412.ASC ,obs#: 238						
DXCT		180	19	-13026.92600	-0.004	-0.680
				0.007	0.005	0.27
DYCT		180	19	-570.60220	0.003	0.297
				0.015	0.011	0.24
DZCT		180	19	-2387.50820	-0.001	-0.068
				0.015	0.011	0.06
GROUP: 120412.ASC ,obs#: 239						
DXCT		180	19	-13026.93260	0.003	0.680
				0.007	0.004	0.23
DYCT		180	19	-570.59630	-0.003	-0.295
				0.013	0.009	0.20
DZCT		180	19	-2387.50960	0.001	0.065
				0.014	0.010	0.05
GROUP: 120412.ASC ,obs#: 240						
DXCT		180	20	8142.09100	0.001	0.140
				0.008	0.006	0.10
DYCT		180	20	-2348.15930	0.003	0.200
				0.020	0.014	0.33
DZCT		180	20	-2108.29830	-0.003	-0.289
				0.016	0.012	0.39
GROUP: 120412.ASC ,obs#: 241						
DXCT		180	20	8142.09260	-0.001	-0.138
				0.008	0.005	0.09
DYCT		180	20	-2348.15390	-0.003	-0.198
				0.019	0.013	0.29
DZCT		180	20	-2108.30460	0.003	0.288
				0.015	0.010	0.34
GROUP: 120412.ASC ,obs#: 242						
DXCT		180	181	-4804.36510	-0.002	-1.065
				0.004	0.002	0.35
DYCT		180	181	715.04400	0.001	0.213
				0.011	0.005	0.21
DZCT		180	181	377.11880	-0.002	-0.899
				0.007	0.003	0.50
GROUP: 120412.ASC ,obs#: 243						
DXCT		180	182	-8113.62830	0.002	0.242
				0.009	0.006	0.09
DYCT		180	182	9070.18520	0.007	0.410
				0.023	0.017	0.42
DZCT		180	182	10884.47730	0.003	0.229
				0.017	0.012	0.17
GROUP: 120412.ASC ,obs#: 244						
DXCT		180	182	-8113.62540	-0.001	-0.234
				0.008	0.006	0.08
DYCT		180	182	9070.19810	-0.006	-0.403
				0.022	0.015	0.37
DZCT		180	182	10884.48270	-0.003	-0.231
				0.016	0.011	0.16
GROUP: 120412.ASC ,obs#: 245						
DXCT		180	183	-12423.04550	0.001	0.243
				0.007	0.004	0.07

Residuals (critical value = 4.129):

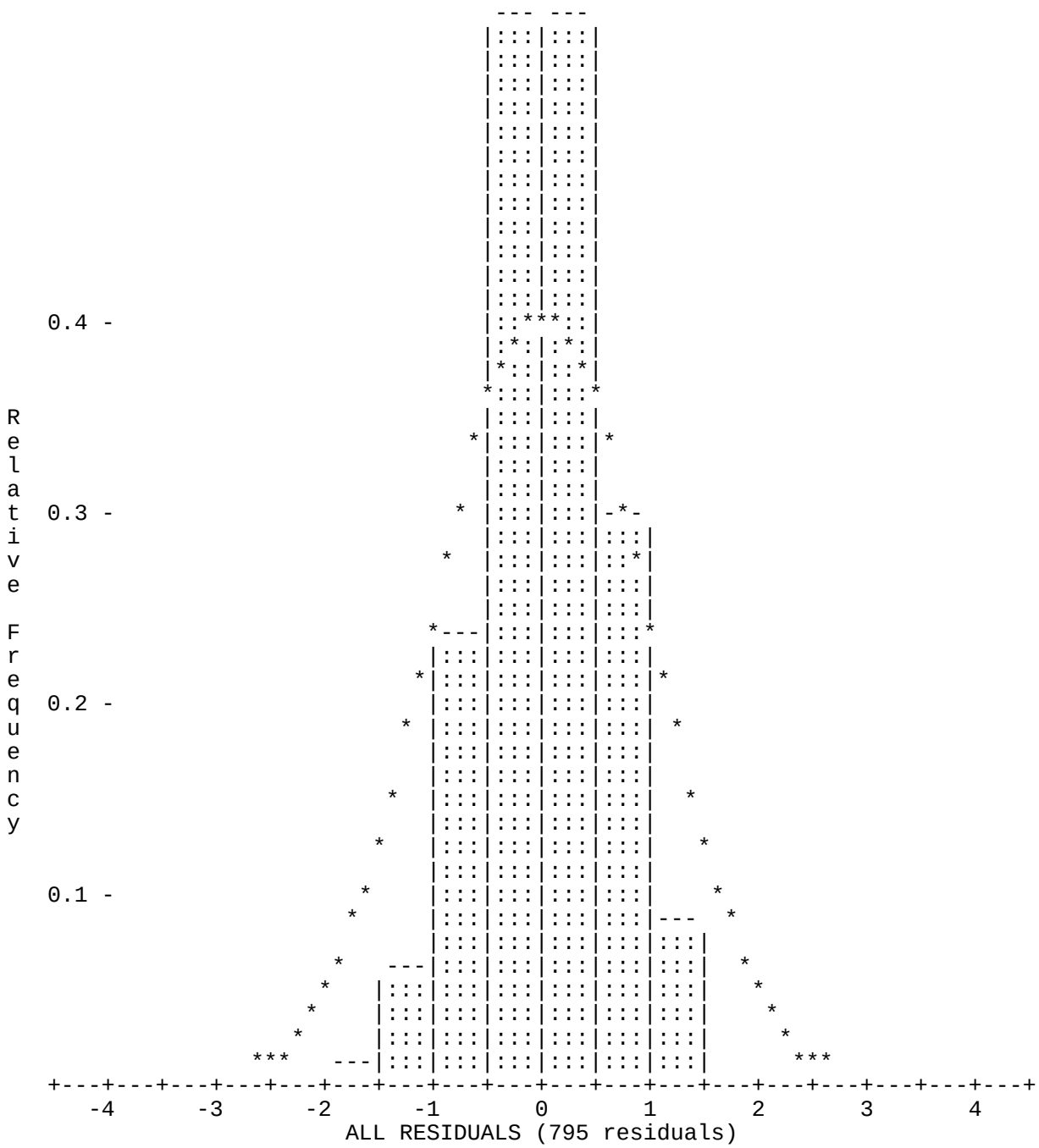
TYPE	AT	FROM	TO	OBSERVATION	RESIDUAL	STD RES
				STD DEV	STD DEV	PPM
DYCT		180	183	6026.92690	0.001	0.123
				0.016	0.011	0.09
DZCT		180	183	6343.12830	-0.001	-0.108
				0.015	0.010	0.07
GROUP: 120412.ASC ,obs#: 246						
DXCT		180	183	-12423.04300	-0.001	-0.243
				0.008	0.006	0.09
DYCT		180	183	6026.93000	-0.002	-0.123
				0.019	0.014	0.12
DZCT		180	183	6343.12580	0.001	0.108
				0.018	0.013	0.09
GROUP: 120412.ASC ,obs#: 247						
DXCT		180	184	-17449.46990	0.001	0.203
				0.008	0.006	0.07
DYCT		180	184	3616.17140	0.007	0.567
				0.017	0.012	0.37
DZCT		180	184	2518.29130	-0.000	-0.041
				0.015	0.010	0.02
GROUP: 120412.ASC ,obs#: 248						
DXCT		180	184	-17449.46660	-0.002	-0.359
				0.008	0.006	0.12
DYCT		180	184	3616.18520	-0.007	-0.564
				0.018	0.013	0.40
DZCT		180	184	2518.29050	0.000	0.030
				0.017	0.013	0.02
GROUP: 120412.ASC ,obs#: 249						
DXCT		180	185	-10417.96320	-0.002	-0.218
				0.012	0.010	0.18
DYCT		180	185	-2859.05790	0.019	0.846
				0.026	0.023	1.61
DZCT		180	185	-5064.91520	-0.016	-0.528
				0.033	0.030	1.31
GROUP: 120412.ASC ,obs#: 250						
DXCT		180	185	-10417.96680	0.001	0.322
				0.008	0.004	0.12
DYCT		180	185	-2859.03170	-0.007	-0.845
				0.016	0.008	0.59
DZCT		180	185	-5064.93560	0.005	0.598
				0.017	0.008	0.40
GROUP: 120412.ASC ,obs#: 251						
DXCT		180	186	8163.86710	-0.002	-0.713
				0.005	0.003	0.28
DYCT		180	186	-2158.20870	-0.001	-0.115
				0.011	0.008	0.10
DZCT		180	186	-1858.57860	0.002	0.359
				0.009	0.007	0.28
GROUP: 120412.ASC ,obs#: 252						
DXCT		180	186	8163.86240	0.002	0.712
				0.005	0.003	0.26
DYCT		180	186	-2158.21040	0.001	0.109
				0.011	0.007	0.09
DZCT		180	186	-1858.57400	-0.002	-0.356

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION	RESIDUAL	STD RES
				STD DEV	STD DEV	PPM
				0.009	0.006	0.25
GROUP: 120412.ASC ,obs#: 253						
DXCT		180	187	14457.16560	0.019	1.470
				0.015	0.013	1.29
DYCT		180	187	-3227.86440	0.021	0.564
				0.041	0.037	1.40
DZCT		180	187	-2528.98230	-0.009	-0.468
				0.023	0.020	0.62
GROUP: 120412.ASC ,obs#: 254						
DXCT		180	187	14457.17460	0.010	1.271
				0.010	0.008	0.69
DYCT		180	187	-3227.85540	0.012	0.497
				0.030	0.024	0.80
DZCT		180	187	-2529.00020	0.009	0.770
				0.015	0.011	0.57
GROUP: 120412.ASC ,obs#: 255						
DXCT		180	188	16470.82600	0.004	0.368
				0.013	0.010	0.20
DYCT		180	188	4623.25760	-0.003	-0.113
				0.035	0.028	0.17
DZCT		180	188	8060.10060	-0.003	-0.217
				0.018	0.015	0.17
GROUP: 120412.ASC ,obs#: 256						
DXCT		180	188	16470.82690	0.003	0.238
				0.014	0.012	0.15
DYCT		180	188	4623.25210	0.002	0.071
				0.039	0.033	0.12
DZCT		180	188	8060.09420	0.003	0.188
				0.020	0.017	0.17
GROUP: 120412.ASC ,obs#: 257						
DXCT		180	188	16470.83550	-0.006	-0.582
				0.012	0.010	0.30
DYCT		180	188	4623.25330	0.001	0.044
				0.033	0.026	0.06
DZCT		180	188	8060.09690	0.001	0.039
				0.017	0.014	0.03
GROUP: 120412.ASC ,obs#: 258						
DXCT		180	189	5366.86050	0.001	0.248
				0.005	0.004	0.10
DYCT		180	189	4386.60900	0.002	0.256
				0.011	0.008	0.23
DZCT		180	189	6404.76940	-0.001	-0.212
				0.008	0.006	0.13
GROUP: 120412.ASC ,obs#: 259						
DXCT		180	189	5366.86220	-0.001	-0.260
				0.005	0.003	0.08
DYCT		180	189	4386.61300	-0.002	-0.263
				0.010	0.007	0.19
DZCT		180	189	6404.76720	0.001	0.223
				0.007	0.005	0.11
GROUP: 120412.ASC ,obs#: 260						
DXCT		180	190	1808.64460	0.002	0.303

Residuals (critical value = 4.129):

TYPE	AT	FROM	TO	OBSERVATION	STD DEV	RESIDUAL	STD DEV	STD RES	PPM
						0.009	0.008		0.31
DYCT		180	190	4308.17500		0.002			0.126
						0.018	0.016		0.26
DZCT		180	190	5898.36350		-0.014			-0.903
						0.017	0.015		1.80
GROUP: 120412.ASC ,obs#: 261									
DXCT		180	190	1808.64880		-0.002			-0.684
						0.005	0.003		0.25
DYCT		180	190	4308.17570		0.001			0.193
						0.012	0.006		0.17
DZCT		180	190	5898.34580		0.004			0.887
						0.010	0.005		0.55
GROUP: 120412.ASC ,obs#: 262									
DXCT		187	801.25	4938.27130		0.003			0.765
						0.006	0.005		0.67
DYCT		187	801.25	-1213.62600		0.036			2.486
						0.016	0.014		6.87
DZCT		187	801.25	-1049.82360		-0.055			-2.544
						0.023	0.022		10.57
GROUP: 120412.ASC ,obs#: 263									
DXCT		187	801.25	4938.27330		0.001			0.340
						0.006	0.004		0.29
DYCT		187	801.25	-1213.64060		0.050			3.642
						0.015	0.014		9.68
DZCT		187	801.25	-1049.80010		-0.078			-3.719
						0.023	0.021		15.10
GROUP: 120412.ASC ,obs#: 264									
DXCT		187	CHETOPA	4482.38650		-0.001			-0.264
						0.004	0.003		0.10
DYCT		187	CHETOPA	-3657.78850		-0.010			-1.439
						0.009	0.007		1.38
DZCT		187	CHETOPA	-4319.52030		0.008			1.410
						0.007	0.006		1.13
GROUP: 120412.ASC ,obs#: 265									
DXCT		187	CHETOPA	4482.38350		0.002			0.920
						0.004	0.002		0.31
DYCT		187	CHETOPA	-3657.78470		-0.014			-2.217
						0.008	0.006		1.91
DZCT		187	CHETOPA	-4319.52410		0.012			2.336
						0.007	0.005		1.66


0.4
0.3
0.2
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Relative Frequency
-4
-3
-2
-1
0
1
2
3
4
ALL RESIDUALS (795 residuals)

S T A T I S T I C S S U M M A R Y

Residual Critical Value Type	Tau Max
Residual Critical Value	4.1287
Number of Flagged Residuals	5
Convergence Criterion	0.0010
Final Iteration Counter Value	2
Confidence Level Used	95.0000
Estimated Variance Factor	0.9157
Number of Degrees of Freedom	436

Chi-Square Test on the Variance Factor:

8.0538e-01 < 1.0000 < 1.0506e+00 ?

THE TEST PASSES

NOTE: All confidence regions were computed using the following factors:

Variance factor used	=	0.9157
3-D expansion factor	=	2.7955

Note that, for relative confidence regions, precisions are computed from the ratio of the major semi-axis and the spatial distance between the two stations.

3D Station Confidence Regions (95.000 percent):

STATION	MAJ-SEMI	(AZ,VANG)	MED-SEMI	(AZ,VANG)	MIN-SEMI	(AZ,VANG)
1	0.037	(337, 79)	0.034	(176, 10)	0.029	(86, 4)
10	0.051	(350, 84)	0.019	(168, 6)	0.015	(258, 0)
1001	0.038	(222, 89)	0.015	(0, 1)	0.012	(90, 1)
101	0.033	(358, 7)	0.029	(180, 83)	0.028	(88, 0)
102	0.042	(180, 83)	0.035	(353, 7)	0.030	(83, 1)
103	0.045	(177, 68)	0.034	(356, 22)	0.030	(86, 0)
104	0.046	(180, 72)	0.036	(358, 18)	0.031	(88, 1)
105	0.043	(180, 72)	0.035	(0, 18)	0.030	(90, 0)
106	0.049	(180, 77)	0.037	(2, 13)	0.032	(271, 0)
107	0.032	(353, 66)	0.029	(177, 24)	0.025	(87, 2)
108	0.052	(5, 80)	0.035	(183, 10)	0.030	(273, 0)
109	0.043	(355, 79)	0.035	(179, 11)	0.029	(88, 1)
11	0.036	(188, 85)	0.015	(353, 5)	0.011	(83, 1)
110	0.127	(357, 79)	0.050	(176, 11)	0.041	(266, 0)
111	0.063	(351, 79)	0.037	(175, 11)	0.031	(85, 1)
112	0.048	(355, 85)	0.032	(177, 5)	0.027	(87, 0)
113	0.029	(357, 55)	0.027	(180, 35)	0.023	(89, 1)
114	0.034	(352, 80)	0.029	(178, 10)	0.024	(87, 1)
115	0.042	(337, 79)	0.031	(175, 10)	0.027	(84, 3)
116	0.045	(184, 81)	0.032	(355, 9)	0.028	(85, 1)
117	0.043	(180, 78)	0.032	(356, 12)	0.027	(86, 1)
118	0.052	(210, 82)	0.034	(3, 7)	0.030	(93, 3)
119	0.043	(330, 79)	0.030	(184, 9)	0.026	(93, 6)
12	0.039	(188, 88)	0.015	(0, 2)	0.012	(90, 0)
120	0.079	(352, 82)	0.041	(174, 8)	0.035	(84, 0)
121	0.051	(170, 78)	0.033	(347, 12)	0.027	(77, 1)
122	0.072	(43, 90)	0.043	(182, 0)	0.039	(272, 0)
123	0.059	(183, 79)	0.035	(2, 11)	0.030	(92, 0)
124	0.058	(170, 89)	0.035	(6, 1)	0.029	(276, 0)
125	0.046	(348, 86)	0.021	(171, 4)	0.018	(81, 0)
126	0.066	(356, 78)	0.031	(175, 12)	0.026	(265, 0)
127	0.078	(2, 79)	0.035	(173, 11)	0.029	(263, 2)
128	0.059	(10, 80)	0.032	(173, 9)	0.027	(263, 3)
129	0.056	(294, 89)	0.025	(174, 1)	0.020	(84, 1)
13	0.077	(226, 88)	0.033	(346, 1)	0.024	(76, 2)
130	0.062	(216, 88)	0.028	(357, 2)	0.021	(87, 1)
131	0.071	(189, 84)	0.031	(0, 6)	0.023	(90, 1)
132	0.057	(246, 89)	0.026	(360, 0)	0.021	(90, 1)
133	0.053	(348, 88)	0.024	(177, 2)	0.020	(87, 0)
134	0.041	(340, 84)	0.015	(173, 6)	0.012	(83, 1)
135	0.065	(345, 84)	0.028	(172, 6)	0.023	(82, 1)
136	0.056	(343, 84)	0.025	(170, 6)	0.021	(80, 1)
137	0.079	(325, 79)	0.031	(150, 11)	0.025	(59, 1)
138	0.051	(351, 85)	0.022	(165, 5)	0.018	(256, 1)
139	0.059	(205, 87)	0.028	(4, 3)	0.021	(94, 1)
14	0.062	(192, 82)	0.027	(3, 7)	0.019	(93, 1)
140	0.067	(234, 87)	0.031	(6, 2)	0.024	(96, 2)
141	0.072	(349, 84)	0.029	(183, 6)	0.022	(92, 1)
142	0.026	(193, 86)	0.009	(0, 3)	0.006	(90, 1)
143	0.056	(347, 83)	0.020	(169, 7)	0.015	(79, 0)
144	0.061	(353, 84)	0.022	(166, 6)	0.017	(256, 1)
145	0.078	(96, 89)	0.029	(335, 1)	0.025	(245, 1)
146	0.069	(107, 76)	0.025	(344, 8)	0.021	(252, 11)

3D Station Confidence Regions (95.000 percent):

STATION	MAJ-SEMI	(AZ,VANG)	MED-SEMI	(AZ,VANG)	MIN-SEMI	(AZ,VANG)
147	0.035	(188, 85)	0.015	(353, 5)	0.011	(83, 1)
148	0.061	(188, 65)	0.026	(7, 25)	0.017	(97, 0)
149	0.065	(202, 84)	0.025	(359, 6)	0.017	(89, 3)
15	0.055	(180, 85)	0.022	(344, 5)	0.017	(74, 1)
150	0.044	(174, 86)	0.017	(10, 4)	0.013	(280, 1)
151	0.047	(345, 86)	0.018	(176, 4)	0.014	(86, 1)
152	0.058	(341, 78)	0.023	(167, 12)	0.017	(77, 1)
153	0.051	(317, 82)	0.019	(160, 7)	0.014	(70, 3)
154	0.066	(179, 77)	0.022	(341, 13)	0.018	(72, 4)
155	0.053	(182, 76)	0.019	(354, 14)	0.016	(85, 2)
156	0.048	(159, 87)	0.019	(350, 3)	0.017	(260, 1)
157	0.047	(209, 86)	0.019	(0, 3)	0.014	(90, 2)
158	0.055	(197, 86)	0.023	(0, 4)	0.016	(90, 1)
159	0.050	(190, 85)	0.021	(3, 5)	0.016	(93, 1)
16	0.056	(120, 89)	0.023	(346, 1)	0.019	(256, 1)
160	0.050	(184, 86)	0.021	(3, 4)	0.015	(93, 0)
161	0.095	(337, 90)	0.038	(173, 0)	0.030	(83, 0)
162	0.050	(300, 89)	0.020	(173, 1)	0.016	(83, 1)
163	0.043	(309, 89)	0.017	(174, 1)	0.013	(84, 1)
164	0.085	(283, 87)	0.033	(152, 2)	0.026	(62, 2)
165	0.056	(176, 84)	0.022	(345, 6)	0.018	(75, 1)
166	0.074	(181, 73)	0.026	(358, 17)	0.019	(89, 1)
167	0.066	(167, 77)	0.024	(351, 13)	0.020	(261, 1)
168	0.067	(82, 88)	0.027	(343, 0)	0.023	(253, 2)
169	0.063	(180, 88)	0.026	(340, 2)	0.022	(70, 1)
17	0.056	(177, 86)	0.023	(351, 4)	0.019	(81, 0)
170	0.055	(175, 87)	0.023	(350, 3)	0.018	(80, 0)
171	0.075	(181, 82)	0.030	(0, 8)	0.024	(90, 0)
172	0.114	(225, 80)	0.038	(46, 10)	0.035	(316, 0)
173	0.069	(141, 86)	0.026	(349, 4)	0.022	(259, 2)
174	0.049	(164, 85)	0.021	(351, 5)	0.017	(261, 1)
175	0.073	(330, 86)	0.030	(158, 4)	0.024	(68, 1)
176	0.061	(296, 88)	0.024	(156, 2)	0.019	(66, 2)
177	0.064	(180, 87)	0.026	(337, 3)	0.021	(67, 1)
178	0.065	(171, 80)	0.026	(348, 10)	0.021	(78, 0)
179	0.057	(166, 84)	0.025	(0, 6)	0.021	(270, 2)
18	0.083	(334, 85)	0.034	(169, 4)	0.029	(79, 1)
180	0.050	(173, 80)	0.021	(350, 10)	0.017	(80, 0)
181	0.055	(175, 81)	0.023	(356, 9)	0.019	(266, 0)
182	0.070	(171, 83)	0.029	(5, 7)	0.024	(275, 2)
183	0.065	(172, 87)	0.027	(352, 3)	0.022	(262, 0)
184	0.064	(175, 87)	0.028	(344, 3)	0.023	(74, 1)
185	0.071	(317, 87)	0.031	(161, 3)	0.023	(71, 1)
186	0.056	(178, 83)	0.023	(344, 7)	0.019	(74, 2)
187	0.018	(90, 87)	0.008	(328, 2)	0.006	(238, 3)
188	0.076	(178, 76)	0.030	(352, 14)	0.026	(82, 1)
189	0.055	(175, 80)	0.023	(354, 10)	0.020	(84, 0)
19	0.061	(187, 87)	0.027	(346, 3)	0.021	(76, 1)
190	0.059	(178, 83)	0.025	(0, 7)	0.021	(270, 0)
2	0.066	(177, 70)	0.038	(353, 20)	0.033	(83, 1)
20	0.066	(182, 84)	0.028	(339, 5)	0.022	(69, 2)
3	0.072	(349, 78)	0.038	(175, 12)	0.032	(85, 1)
4	0.057	(336, 79)	0.033	(169, 10)	0.028	(79, 2)

3D Station Confidence Regions (95.000 percent):

STATION	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)
5	0.042 (260, 88)	0.030 (170, 0)	0.026 (80, 2)
6	0.071 (190, 86)	0.040 (8, 4)	0.034 (98, 0)
7	0.060 (353, 78)	0.031 (176, 12)	0.026 (86, 1)
8	0.066 (192, 85)	0.029 (359, 5)	0.022 (89, 1)
801.25	0.026 (171, 0)	0.013 (261, 0)	0.000 (0, 90)
9	0.065 (191, 85)	0.030 (4, 5)	0.023 (94, 1)
D 274	0.036 (173, 0)	0.030 (263, 0)	0.000 (0, 90)
F 246	0.054 (344, 79)	0.022 (171, 11)	0.016 (81, 1)
K 56	0.043 (160, 0)	0.039 (250, 0)	0.000 (0, 90)
KINNE	0.038 (0, 90)	0.000 (0, 0)	0.000 (90, 0)
KST6	0.139 (0, 90)	0.000 (0, 0)	0.000 (90, 0)
MOBT	0.079 (0, 90)	0.000 (0, 0)	0.000 (90, 0)
MOCA	0.093 (0, 90)	0.000 (0, 0)	0.000 (90, 0)
MONE	0.083 (0, 90)	0.000 (0, 0)	0.000 (90, 0)
NAIL	0.058 (22, 90)	0.024 (170, 0)	0.019 (260, 0)
P 277	0.030 (168, 0)	0.026 (258, 0)	0.000 (0, 90)
PARSONS	0.060 (17, 88)	0.024 (167, 1)	0.020 (258, 1)
REBAR	0.050 (161, 88)	0.020 (349, 2)	0.017 (259, 0)
ZKC1	0.134 (0, 90)	0.000 (0, 0)	0.000 (90, 0)

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
1	101	0.022 (297, 85)	0.008 (146, 4)	0.006 (56, 2)	19.437	1129.71
10	134	0.030 (11, 84)	0.011 (154, 5)	0.009 (244, 3)	8247.953	3.64
1001	12	0.031 (213, 85)	0.013 (0, 4)	0.010 (90, 3)	4347.685	7.16
1001	14	0.050 (190, 78)	0.021 (4, 12)	0.015 (94, 1)	16171.641	3.07
1001	142	0.031 (328, 88)	0.012 (180, 2)	0.010 (90, 1)	17022.084	1.81
1001	15	0.040 (176, 81)	0.016 (331, 8)	0.013 (62, 4)	14113.492	2.81
1001	151	0.040 (353, 81)	0.015 (175, 9)	0.011 (85, 0)	6.723	5962.73
1001	156	0.041 (133, 87)	0.016 (334, 2)	0.014 (244, 1)	17752.249	2.28
1001	157	0.027 (205, 81)	0.011 (0, 9)	0.008 (91, 4)	4404.913	6.11
1001	158	0.039 (193, 82)	0.017 (0, 8)	0.011 (90, 2)	10591.745	3.70
1001	159	0.032 (184, 80)	0.015 (7, 10)	0.010 (277, 1)	15382.024	2.09
1001	160	0.033 (180, 82)	0.015 (9, 8)	0.010 (279, 1)	13620.173	2.41
1001	161	0.087 (2, 90)	0.035 (172, 0)	0.028 (262, 0)	15208.039	5.75
1001	162	0.032 (329, 87)	0.013 (168, 3)	0.011 (78, 1)	11330.777	2.86
1001	163	0.020 (344, 84)	0.008 (180, 6)	0.007 (90, 2)	7094.132	2.87
1001	164	0.076 (287, 87)	0.030 (146, 2)	0.023 (56, 2)	15173.569	5.00
1001	165	0.041 (173, 79)	0.017 (333, 10)	0.013 (64, 3)	14226.739	2.91
1001	166	0.064 (180, 67)	0.018 (0, 23)	0.015 (90, 0)	15739.395	4.09
1001	167	0.055 (166, 71)	0.017 (0, 18)	0.017 (269, 4)	7909.005	6.91
1001	REBAR	0.042 (132, 88)	0.017 (334, 2)	0.015 (244, 1)	17773.961	2.35
101	102	0.030 (180, 83)	0.012 (328, 6)	0.010 (59, 4)	6344.360	4.66
101	103	0.034 (176, 71)	0.012 (341, 19)	0.010 (72, 5)	10921.803	3.09
101	104	0.036 (178, 74)	0.016 (0, 16)	0.012 (270, 0)	8142.664	4.38
101	105	0.031 (180, 75)	0.013 (0, 15)	0.011 (90, 0)	9317.440	3.33
101	106	0.039 (180, 78)	0.017 (17, 11)	0.015 (287, 3)	8886.693	4.38
101	107	0.032 (180, 88)	0.017 (0, 2)	0.014 (90, 0)	13345.675	2.38

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
101	108	0.042	0.014	0.011	13430.951	3.14
		(9, 82)	(205, 8)	(115, 2)		
101	109	0.031	0.012	0.009	9698.170	3.19
		(0, 83)	(180, 7)	(90, 0)		
101	110	0.124	0.038	0.029	17035.131	7.26
		(357, 79)	(174, 11)	(265, 0)		
101	111	0.056	0.017	0.013	17104.891	3.27
		(351, 80)	(166, 10)	(256, 1)		
101	112	0.045	0.018	0.016	15683.168	2.86
		(34, 88)	(172, 1)	(262, 1)		
101	2	0.059	0.020	0.018	10780.590	5.52
		(176, 71)	(339, 18)	(70, 5)		
101	3	0.066	0.019	0.015	17068.891	3.84
		(349, 79)	(168, 11)	(258, 0)		
101	D 274	0.030	0.014	0.012	8644.112	3.52
		(169, 73)	(330, 16)	(62, 5)		
101	KST6	0.136	0.033	0.028	101765.373	1.34
		(146, 90)	(358, 0)	(268, 0)		
101	MOBT	0.077	0.033	0.028	75836.686	1.02
		(299, 90)	(178, 0)	(88, 0)		
107	112	0.041	0.014	0.012	6647.329	6.12
		(0, 89)	(180, 1)	(90, 0)		
107	113	0.027	0.011	0.009	16725.631	1.63
		(346, 81)	(180, 9)	(90, 2)		
107	114	0.029	0.011	0.009	18098.394	1.60
		(346, 80)	(159, 10)	(249, 1)		
107	115	0.027	0.010	0.009	9196.163	2.94
		(318, 83)	(129, 7)	(219, 1)		
107	116	0.032	0.013	0.012	15330.154	2.08
		(180, 75)	(90, 0)	(0, 15)		
107	117	0.030	0.010	0.009	6162.888	4.94
		(180, 71)	(90, 0)	(0, 19)		
107	118	0.042	0.017	0.016	18068.748	2.32
		(203, 79)	(31, 11)	(300, 1)		
107	K 56	0.034	0.029	0.029	15693.488	2.17
		(129, 45)	(270, 38)	(17, 20)		
11	142	0.026	0.012	0.009	7566.921	3.41
		(180, 84)	(351, 6)	(81, 1)		
113	114	0.023	0.009	0.007	4649.540	4.94
		(344, 86)	(180, 4)	(90, 1)		
113	119	0.033	0.013	0.011	15213.476	2.17
		(318, 80)	(214, 2)	(124, 9)		
113	120	0.073	0.031	0.026	17233.182	4.26
		(351, 83)	(172, 7)	(82, 0)		
113	121	0.043	0.018	0.013	8986.490	4.76
		(169, 77)	(329, 12)	(60, 4)		
113	122	0.066	0.033	0.032	10722.150	6.16
		(140, 90)	(19, 0)	(289, 0)		
113	123	0.052	0.022	0.019	16294.178	3.16
		(183, 78)	(11, 12)	(281, 2)		
113	124	0.050	0.022	0.018	11733.831	4.29
		(173, 88)	(17, 2)	(287, 1)		

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
113	125	0.045	0.021	0.017	16212.873	2.75
		(0, 85)	(184, 5)	(94, 0)		
113	126	0.060	0.016	0.012	13191.125	4.53
		(357, 79)	(169, 11)	(260, 1)		
113	127	0.073	0.021	0.017	15854.120	4.61
		(2, 79)	(166, 11)	(256, 3)		
113	128	0.052	0.016	0.014	18243.921	2.83
		(13, 81)	(161, 8)	(252, 5)		
113	4	0.050	0.019	0.016	17157.744	2.90
		(332, 80)	(154, 10)	(64, 0)		
113	5	0.032	0.013	0.010	10570.408	2.99
		(212, 87)	(324, 1)	(54, 3)		
113	6	0.065	0.029	0.025	16985.181	3.84
		(188, 85)	(16, 5)	(286, 1)		
113	7	0.053	0.014	0.011	14273.127	3.72
		(353, 79)	(172, 11)	(262, 0)		
113	MOBT	0.078	0.028	0.023	85269.513	0.92
		(331, 90)	(178, 0)	(88, 0)		
113	MONE	0.084	0.028	0.023	91910.768	0.91
		(0, 90)	(178, 0)	(268, 0)		
113	P 277	0.028	0.013	0.010	5100.169	5.59
		(315, 79)	(144, 10)	(53, 2)		
113	ZKC1	0.132	0.028	0.023	98264.564	1.34
		(180, 90)	(358, 0)	(88, 0)		
12	142	0.030	0.012	0.010	17983.140	1.69
		(180, 89)	(0, 1)	(90, 0)		
125	129	0.033	0.013	0.009	5761.131	5.64
		(199, 83)	(0, 6)	(90, 2)		
125	130	0.043	0.016	0.011	10342.977	4.16
		(192, 82)	(0, 8)	(90, 2)		
125	131	0.055	0.020	0.015	15426.512	3.55
		(185, 77)	(6, 13)	(276, 0)		
125	132	0.034	0.014	0.010	13022.399	2.58
		(184, 82)	(18, 8)	(288, 2)		
125	133	0.027	0.011	0.009	11306.688	2.42
		(180, 86)	(18, 4)	(288, 1)		
125	134	0.038	0.016	0.014	16147.943	2.33
		(24, 88)	(170, 2)	(260, 1)		
125	135	0.047	0.018	0.015	6274.661	7.46
		(344, 82)	(174, 8)	(84, 1)		
125	136	0.032	0.012	0.011	7723.469	4.15
		(338, 81)	(169, 9)	(79, 2)		
125	137	0.065	0.022	0.016	13521.500	4.82
		(322, 76)	(140, 14)	(230, 0)		
125	138	0.032	0.012	0.010	13438.899	2.39
		(335, 81)	(148, 9)	(238, 1)		
125	8	0.048	0.018	0.013	15055.554	3.21
		(186, 78)	(5, 12)	(95, 0)		
13	142	0.073	0.032	0.023	13347.211	5.44
		(232, 88)	(345, 1)	(75, 2)		
134	138	0.040	0.016	0.014	10188.326	3.93
		(25, 87)	(157, 2)	(247, 2)		

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
134	139	0.044	0.022	0.017	10212.065	4.26
		(185, 78)	(13, 12)	(283, 2)		
134	140	0.053	0.026	0.020	17209.921	3.07
		(200, 83)	(12, 7)	(102, 1)		
134	141	0.060	0.025	0.018	10355.585	5.75
		(353, 84)	(186, 6)	(96, 1)		
134	142	0.037	0.012	0.010	15352.640	2.38
		(344, 80)	(172, 10)	(81, 1)		
134	143	0.037	0.012	0.010	6784.473	5.50
		(353, 81)	(159, 8)	(249, 2)		
134	144	0.045	0.016	0.013	8187.581	5.52
		(0, 83)	(156, 6)	(246, 3)		
134	145	0.066	0.025	0.021	10556.482	6.29
		(134, 87)	(323, 3)	(233, 1)		
134	9	0.051	0.025	0.019	10226.460	5.02
		(182, 78)	(13, 12)	(282, 2)		
142	146	0.064	0.023	0.019	9353.087	6.87
		(105, 74)	(345, 8)	(253, 14)		
142	147	0.024	0.011	0.008	7576.538	3.21
		(180, 84)	(351, 6)	(81, 1)		
142	148	0.057	0.022	0.016	15645.358	3.61
		(188, 61)	(9, 29)	(279, 1)		
142	149	0.060	0.023	0.016	17986.835	3.33
		(203, 83)	(0, 6)	(90, 3)		
142	150	0.036	0.014	0.011	14611.867	2.47
		(165, 85)	(17, 4)	(287, 2)		
142	151	0.041	0.016	0.012	17022.866	2.41
		(349, 83)	(180, 7)	(90, 1)		
142	152	0.053	0.020	0.015	9188.857	5.71
		(343, 74)	(164, 16)	(74, 0)		
142	153	0.044	0.016	0.012	9602.336	4.63
		(320, 79)	(156, 11)	(66, 3)		
142	154	0.060	0.020	0.016	15510.665	3.90
		(178, 75)	(334, 14)	(65, 6)		
142	155	0.047	0.016	0.014	11986.625	3.92
		(182, 73)	(350, 17)	(81, 3)		
142	F 246	0.048	0.018	0.014	14369.128	3.31
		(346, 75)	(169, 15)	(79, 1)		
142	KINNE	0.029	0.009	0.006	10470.549	2.80
		(180, 87)	(0, 3)	(90, 0)		
142	M 55	0.026	0.009	0.006	14527.969	1.77
		(193, 86)	(0, 3)	(90, 1)		
156	16	0.030	0.012	0.009	10222.920	2.91
		(22, 85)	(153, 3)	(244, 4)		
156	168	0.047	0.018	0.015	10201.375	4.58
		(36, 86)	(152, 2)	(242, 4)		
156	169	0.040	0.017	0.014	17775.673	2.25
		(235, 88)	(327, 0)	(57, 2)		
156	17	0.028	0.012	0.008	8683.143	3.24
		(198, 82)	(352, 7)	(82, 3)		
156	170	0.027	0.012	0.008	8004.885	3.36
		(200, 84)	(349, 5)	(80, 3)		

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
156	171	0.057 (186, 79)	0.022 (5, 11)	0.018 (95, 0)	16840.868	3.40
156	172	0.104 (227, 78)	0.032 (56, 12)	0.029 (326, 2)	13701.240	7.59
156	173	0.050 (135, 84)	0.017 (351, 5)	0.015 (261, 3)	12958.825	3.87
156	174	0.036 (26, 86)	0.014 (164, 3)	0.012 (254, 3)	16347.861	2.22
156	175	0.056 (332, 80)	0.022 (153, 10)	0.018 (63, 0)	19617.863	2.84
156	176	0.038 (315, 80)	0.013 (144, 10)	0.010 (53, 1)	14623.028	2.57
156	177	0.042 (203, 87)	0.017 (325, 2)	0.013 (55, 3)	8106.167	5.23
156	178	0.045 (172, 71)	0.015 (332, 17)	0.013 (64, 6)	6087.648	7.39
156	18	0.068 (335, 82)	0.027 (171, 8)	0.023 (81, 2)	16570.679	4.11
156	MOCA	0.084 (0, 90)	0.020 (169, 0)	0.017 (259, 0)	88147.012	0.95
156	MONE	0.082 (139, 90)	0.020 (349, 0)	0.017 (259, 0)	102013.389	0.80
156	NAIL	0.047 (0, 83)	0.017 (164, 7)	0.014 (254, 2)	16336.424	2.86
156	PARSONS	0.037 (0, 82)	0.013 (161, 8)	0.010 (251, 3)	5854.724	6.31
156	REBAR	0.022 (323, 87)	0.009 (180, 3)	0.007 (90, 2)	23.258	943.06
174	179	0.028 (169, 78)	0.014 (19, 11)	0.011 (288, 6)	3050.411	9.03
174	180	0.031 (193, 80)	0.018 (8, 10)	0.011 (98, 1)	16175.324	1.92
174	181	0.035 (193, 81)	0.020 (9, 9)	0.012 (99, 1)	16470.949	2.14
174	MOCA	0.083 (80, 90)	0.021 (170, 0)	0.017 (260, 0)	84134.592	0.99
174	MONE	0.083 (158, 89)	0.021 (351, 1)	0.017 (261, 0)	110456.906	0.75
174	NAIL	0.033 (346, 79)	0.010 (170, 11)	0.008 (80, 1)	25.466	1310.85
180	181	0.028 (189, 81)	0.012 (15, 9)	0.009 (284, 1)	4871.904	5.80
180	182	0.049 (166, 86)	0.020 (19, 3)	0.015 (289, 2)	16327.009	3.02
180	183	0.043 (353, 86)	0.016 (180, 4)	0.013 (90, 1)	15195.103	2.80
180	184	0.041 (346, 84)	0.017 (149, 6)	0.014 (239, 2)	17997.291	2.30
180	185	0.052 (336, 77)	0.019 (151, 13)	0.015 (241, 1)	11931.539	4.35
180	186	0.025 (296, 86)	0.010 (145, 3)	0.008 (55, 2)	8646.436	2.90

3D Relative Confidence Regions (95.000 percent):

FROM	TO	MAJ-SEMI (AZ,VANG)	MED-SEMI (AZ,VANG)	MIN-SEMI (AZ,VANG)	DISTANCE	PPM
180	187	0.049 (173, 79)	0.020 (348, 11)	0.017 (78, 1)	15027.474	3.29
180	188	0.058 (179, 73)	0.022 (352, 17)	0.020 (82, 2)	18911.052	3.05
180	189	0.023 (180, 80)	0.010 (0, 10)	0.009 (90, 0)	9437.511	2.40
180	19	0.036 (339, 80)	0.014 (155, 10)	0.012 (245, 1)	13256.194	2.73
180	190	0.032 (273, 88)	0.014 (22, 1)	0.011 (112, 2)	7524.767	4.24
180	20	0.044 (261, 88)	0.018 (146, 1)	0.014 (56, 2)	8732.264	5.00
187	801.25	0.025 (353, 19)	0.017 (148, 69)	0.012 (260, 8)	5192.456	4.90
187	CHETOPA	0.018 (90, 87)	0.008 (328, 2)	0.006 (238, 3)	7220.073	2.46

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