

DATE IN 6-17-04	SUSPENSE 7-7-04	ENGINEER <i>Stagner</i>	LOGGED IN 6-17-04	TYPE NSL	APP NO. PSEM 0416948301
-----------------	-----------------	-------------------------	-------------------	----------	-------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Riddle C-LS #3B

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☒ Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

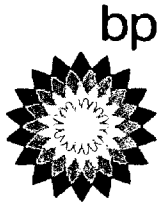
Mary Corley
 Print or Type Name

Mary Corley
 Signature

Sr. Regulatory Analyst 06/14/2004

Title Date

corleyml@bp.com
 e-mail Address



San Juan South Asset

Mary Corley
WL1-19.171
281-366-4491 (direct)
281-366-0700 (FAX)
corleym1@bp.com

P. O. Box 3092
Houston, Texas 77253-3092
501 Westlake Park Boulevard
Houston, Texas 77079

May 14, 2004

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St Francis Drive
P.O. Box 6429
Santa Fe, NM 87505

Application for Non-Standard Well Location
Riddle C LS Well No. 3B
W/2 Section 29-T31N-R09W
Blanco Mesaverde Pool
San Juan County, New Mexico

*N/S = 69'
E/W = 117'
135.8 feet off
target*

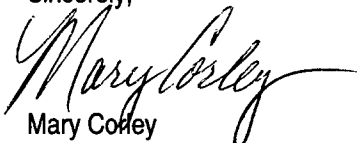
BP America Production Company respectfully requests an administrative approval for a non-standard well location for the Riddle C LS Well No. 3B which was directionally drilled from a surface location of 2180' FSL & 1425' from FWL of Section 29, T31N, R09W. The projected bottom hole location was 2500' FSL & 660' FWL of Section 29, T31N, R09W, however the final results of the directional survey indicates that the bottom hole location of the well as being 2569' FSL & 543' FWL of Section 29, T31N, R09W. This necessitates an exception to the well spacing pattern for the Mesaverde Pool.

For your review and consideration attached is a C-102 Well Location Plat showing the well location (SHL, proposed BHL, and actual BHL although not to scale), a 9-section plat showing the offset wells and operators, and a copy of the Final Survey Analysis.

BP operates the 316.58 acre unit in which the subject well is located and has a 50/50 working interest partnership with ConocoPhillips. BP also operates the affected offsetting 320 acre unit in the E/2 of Section 30, T31N, R09W with a 50/50 working interest partnership with ConocoPhillips. This information is also reflected on the 9 Section Plat.

Your attention to this matter is greatly appreciated. Should you have any questions concerning this application please do not hesitate to call me at 281-366-4491.

Sincerely,


Mary Corley

cc: Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000976	⁵ Property Name Riddle C LS	⁶ Well Number 3B
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6308'

¹⁰ Surface Location

UL or lot no. Lot 7	Section 29	Township 31N	Range 09W	Lot Idn	Feet from 2180	North/South South	Feet from 1425	East/West West	County San Juan
------------------------	---------------	-----------------	--------------	---------	-------------------	----------------------	-------------------	-------------------	--------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. Lot 8	Section 29	Township 31N	Range 09W	Lot Idn	Feet from 2569	North/South South	Feet 543	East/West West	County San Juan
------------------------	---------------	-----------------	--------------	---------	-------------------	----------------------	-------------	-------------------	--------------------

¹² Dedicated Acres 316.58	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 06/14/2004 Date	
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 10/6/2001 Date of Survey Signature and Seal of Professional Surveyor: Gary D Vann 7016 Certificate Number	



- Pictured Cliffs
- Fruitland Coal
- Mesaverde
- Dakota

BP America Production Co.
Houston, TX

San Juan Basin

Riddle C LS 3B

30-045-31084

T31N R09W Sec. 29

SCALE	DRAWN: M. J. RITZ	DATE: 14-JUN-2004
CHECKED:		

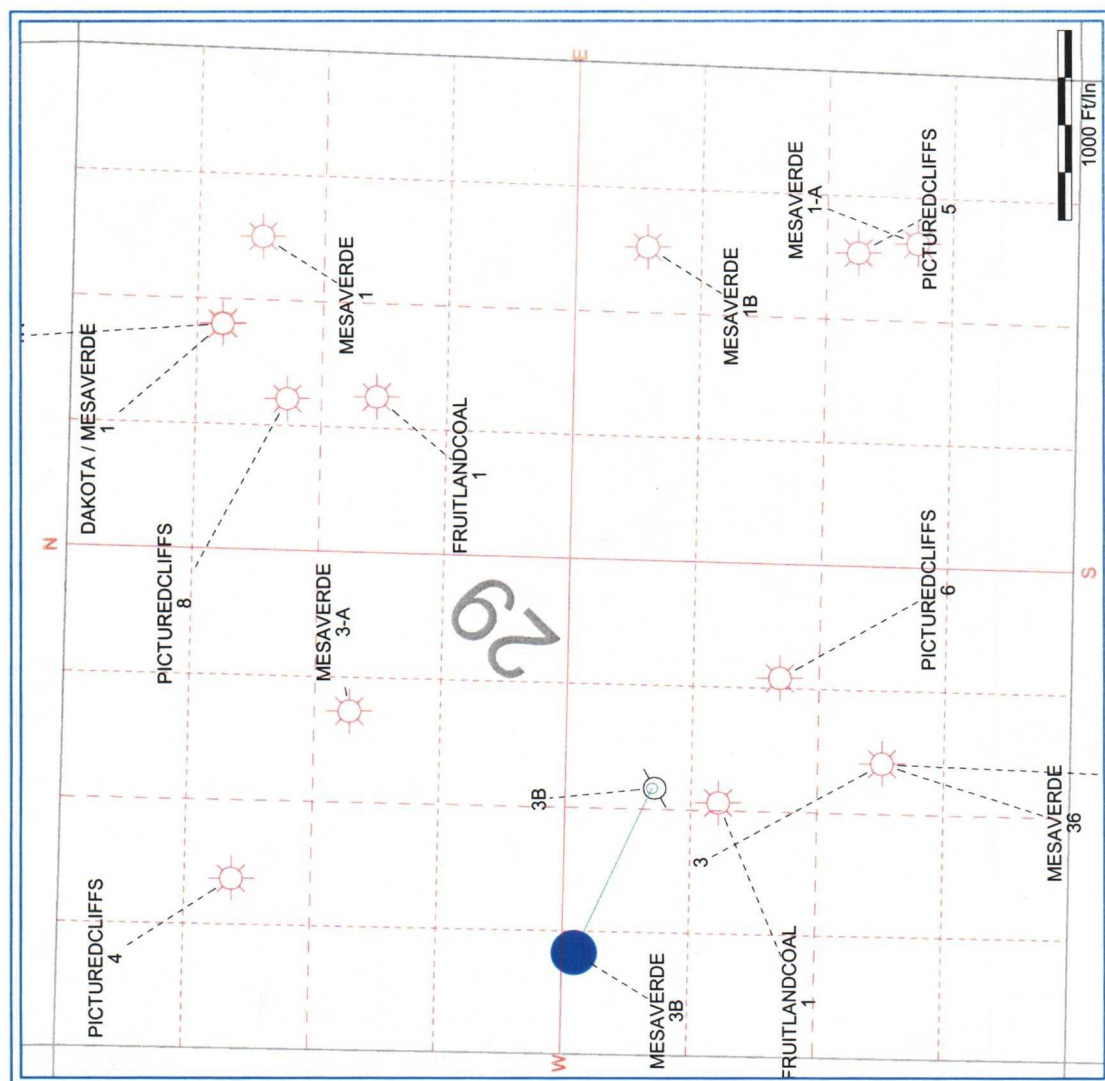
Riddle C LS #3B

SHL = 2180 FSL 1425 FWL

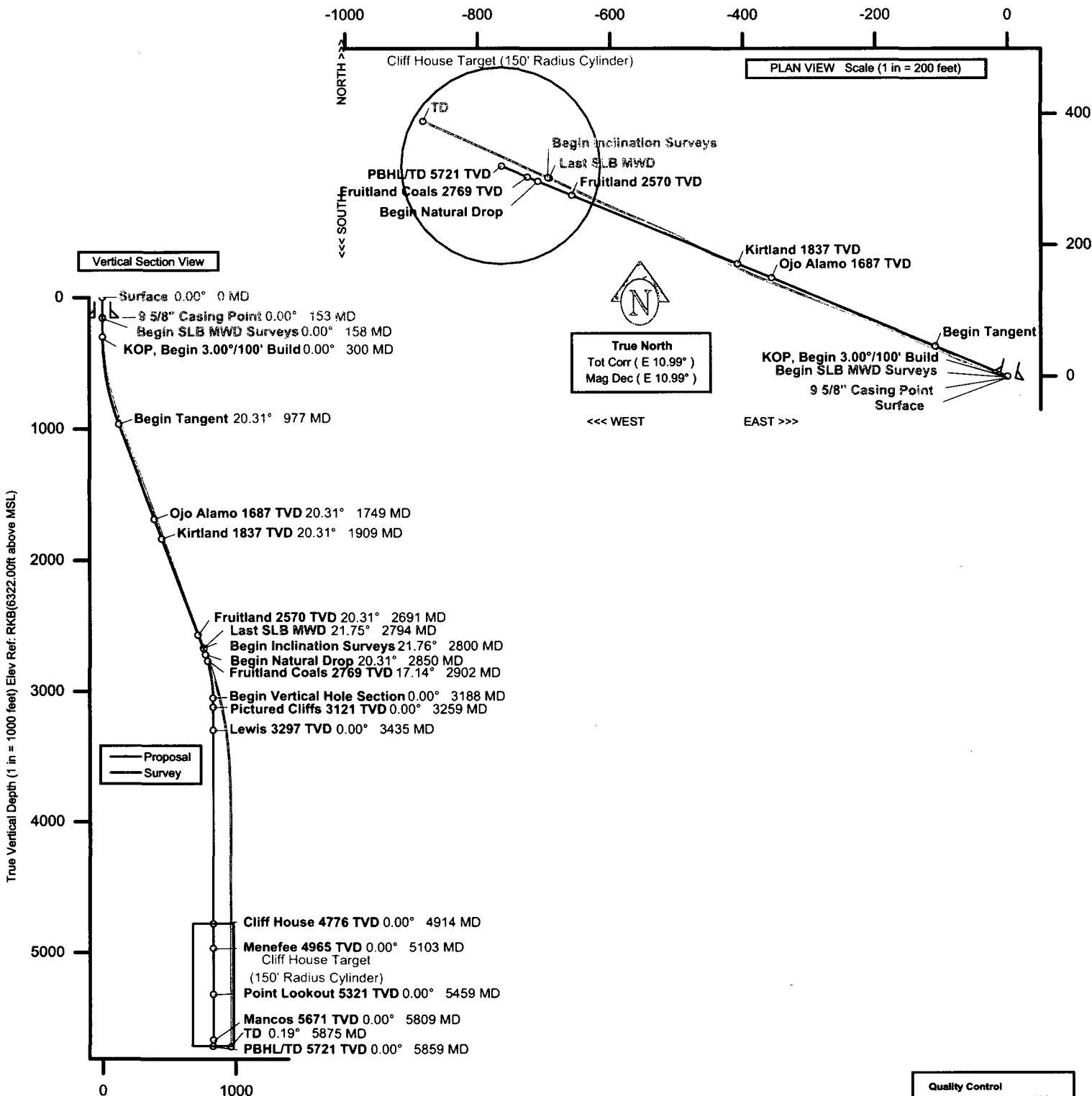
BHL = 2569 FSL 543 FWL

complete survey does not support $3^{\circ}/100'$
drop to vertical rate assumption.

BP losses in Sec 30 (211)



WELL Riddle C LS 3B	FIELD NM, San Juan County (NAD 83 WZ)	RIG Aztec 184
Magnetic Parameters Model: BGGM 2002 Dip: 63.764° Mag Dec: 10.988° Date: August 01, 2002 FS: 51600.0 nT	Surface Location Lat: N36 52 5.600 Lon: W107 48 27.900 North: 2135358.23 ftUS East: 2730575.08 ftUS Grid Conv: 0.0153° Scale Fact: 0.9999	Plan#: Rev2 jok 30-May-02 Slot: Riddle C LS 3B Elev Ref: RKB(6322.00ft above MSL) Date Drawn: 09:03:58AM 26-Aug-2002



Vertical Section Departure at 292.73 deg from (0.0, 0.0). (1 in = 1000 feet)

Quality Control
Date Drawn: 26-Aug-2002
Drawn by: John O'Keefe
Checked by: Allen Starkey
Client OK: _____

Survey Report - Geodetic

Report Date: 26-Aug-2002		Survey / DLS Computation Method: Minimum Curvature / Lubinski	
Client: BP San Juan Performance Unit		Vertical Section Azimuth: 292.730°	
Field: NM, San Juan County (NAD 83 WZ)		Vertical Section Origin: N 0.000 ft, E 0.000 ft	
Structure / Slot: BP 29 31N 9W (Riddle C LS 3B) / Riddle C LS 3B		TVD Reference Datum: RKB	
Well: Riddle C LS 3B		TVD Reference Elevation: 6322.000 ft relative to MSL	
Borehole: Original Hole		Sea Bed / Ground Level Elevation: 6308.000 ft relative to MSL	
UWI/API#:		Magnetic Declination: +10.982°	
Survey Name / Date: Riddle C LS 3B Final Surveys / August 23, 2002		Total Field Strength: 51594.592 nT	
Tort / AHD / DDI / ERD ratio: 82.027° / 965.24 ft / 4.910 / 0.165		Magnetic Dip: 63.763°	
Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet		Declination Date: August 23, 2002	
Location Lat/Long: N 36 52 5.6000, W 107 48 27.9000		Magnetic Declination Model: BGGW 2002	
Location Grid N/E Y/X: N 2135358.229 ftUS, E 2730575.080 ftUS		North Reference: True North	
Grid Convergence Angle: +0.01534940°		Total Corr Mag North -> True North: +10.982°	
Grid Scale Factor: 0.99991673		Local Coordinates Referenced To: Well Head	

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Grid Coordinates		Geographic Coordinates	
									Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2135358.23	2730575.08	N 36 52 5.6000W	107 48 27.9000
Begin SLB MWD Surveys	158.00	0.00	292.73	158.00	0.00	0.00	0.00	0.00	2135358.23	2730575.08	N 36 52 5.6000W	107 48 27.9000
	206.00	0.40	194.24	206.00	-0.02	-0.16	-0.04	0.83	2135358.07	2730575.04	N 36 52 5.5984W	107 48 27.9005
	237.00	0.55	239.39	237.00	0.05	-0.34	-0.20	1.26	2135357.89	2730574.88	N 36 52 5.5966W	107 48 27.9024
	268.00	1.27	265.76	267.99	0.44	-0.44	-0.67	2.63	2135357.78	2730574.41	N 36 52 5.5956W	107 48 27.9082
	299.00	2.00	272.84	298.98	1.26	-0.44	-1.55	2.44	2135357.79	2730573.53	N 36 52 5.5956W	107 48 27.9191
	330.00	2.80	277.04	329.95	2.50	-0.32	-2.84	2.64	2135357.91	2730572.24	N 36 52 5.5968W	107 48 27.9350
	361.00	3.70	280.54	360.90	4.20	-0.05	-4.58	2.97	2135358.18	2730570.50	N 36 52 5.5995W	107 48 27.9563
	394.00	4.68	284.66	393.82	6.58	0.49	-6.93	3.10	2135358.72	2730568.16	N 36 52 5.6048W	107 48 27.9852
	425.00	5.75	287.39	424.69	9.37	1.27	-9.63	3.54	2135359.50	2730565.45	N 36 52 5.6126W	107 48 28.0185
	456.00	6.88	287.37	455.50	12.77	2.29	-12.88	3.65	2135360.52	2730562.20	N 36 52 5.6227W	107 48 28.0586
	488.00	7.75	288.19	487.24	16.83	3.54	-16.76	2.74	2135361.76	2730558.32	N 36 52 5.6350W	107 48 28.1063
	519.00	8.65	288.59	517.92	21.24	4.93	-20.96	2.91	2135363.16	2730554.12	N 36 52 5.6488W	107 48 28.1579
	551.00	9.65	289.24	549.51	26.31	6.58	-25.77	3.14	2135364.80	2730549.31	N 36 52 5.6651W	107 48 28.2172
	583.00	10.57	290.24	581.02	31.92	8.48	-31.06	2.93	2135366.70	2730544.02	N 36 52 5.6839W	107 48 28.2822
	614.00	11.20	290.34	611.46	37.77	10.51	-36.55	2.03	2135368.73	2730538.53	N 36 52 5.7039W	107 48 28.3498
	646.00	12.15	289.84	642.80	44.24	12.74	-42.63	2.99	2135370.95	2730532.45	N 36 52 5.7259W	107 48 28.4246
	678.00	12.85	290.34	674.04	51.16	15.12	-49.14	2.21	2135373.33	2730525.94	N 36 52 5.7495W	107 48 28.5047

710.00	13.48	292.16	705.20	58.44	17.76	-55.93	2.36	2135375.97	2730519.15	N 36 52 5.7756W 107 48 28.5882
741.00	14.23	294.09	735.29	65.87	20.68	-62.75	2.84	2135378.89	2730512.33	N 36 52 5.8045W 107 48 28.6722
773.00	15.13	294.74	766.25	73.97	24.03	-70.13	2.86	2135382.24	2730504.95	N 36 52 5.8376W 107 48 28.7631
804.00	15.98	294.64	796.11	82.28	27.50	-77.69	2.74	2135385.71	2730497.39	N 36 52 5.8719W 107 48 28.8560
836.00	16.80	295.87	826.81	91.30	31.36	-85.85	2.78	2135389.56	2730489.23	N 36 52 5.9100W 107 48 28.9565
868.00	17.48	294.44	857.39	100.72	35.36	-94.39	2.50	2135393.56	2730480.69	N 36 52 5.9497W 107 48 29.0616
900.00	17.80	294.19	887.89	110.42	39.36	-103.23	1.03	2135397.55	2730471.85	N 36 52 5.9891W 107 48 29.1703
931.00	18.48	293.24	917.35	120.07	43.24	-112.06	2.39	2135401.43	2730463.02	N 36 52 6.0275W 107 48 29.2791
963.00	19.08	291.64	947.64	130.37	47.17	-121.58	2.47	2135405.36	2730453.49	N 36 52 6.0664W 107 48 29.3962
995.00	19.55	292.32	977.84	140.95	51.13	-131.40	1.63	2135409.32	2730443.68	N 36 52 6.1055W 107 48 29.5170
1027.00	19.90	293.89	1007.96	151.75	55.37	-141.33	1.98	2135413.55	2730433.75	N 36 52 6.1475W 107 48 29.6393
1058.00	19.88	293.04	1037.11	162.29	59.57	-151.01	0.94	2135417.75	2730424.07	N 36 52 6.1890W 107 48 29.7583
1090.00	19.98	294.09	1067.20	173.20	63.93	-161.00	1.16	2135422.11	2730414.07	N 36 52 6.2321W 107 48 29.8813
1122.00	20.02	292.64	1097.27	184.14	68.27	-171.05	1.55	2135426.45	2730404.03	N 36 52 6.2750W 107 48 30.0050
1183.00	20.75	292.16	1154.45	205.39	76.36	-190.70	1.23	2135434.53	2730384.38	N 36 52 6.3550W 107 48 30.2467
1246.00	21.08	293.64	1213.30	227.88	85.12	-211.41	0.99	2135443.28	2730363.67	N 36 52 6.4416W 107 48 30.5017
1309.00	20.10	290.94	1272.27	250.03	93.53	-231.90	2.17	2135451.69	2730343.17	N 36 52 6.5248W 107 48 30.7538
1373.00	20.83	290.34	1332.23	272.39	101.41	-252.84	1.19	2135459.57	2730322.23	N 36 52 6.6027W 107 48 31.0115
1437.00	21.15	291.94	1391.99	295.30	109.68	-274.22	1.03	2135467.83	2730300.85	N 36 52 6.6845W 107 48 31.2746
1500.00	20.52	291.09	1450.87	317.71	117.90	-295.07	1.11	2135476.04	2730280.01	N 36 52 6.7658W 107 48 31.5311
1564.00	19.75	290.84	1510.96	339.73	125.79	-315.64	1.21	2135483.92	2730259.44	N 36 52 6.8437W 107 48 31.7843
1660.00	19.27	292.22	1601.44	371.78	137.55	-345.46	0.69	2135495.67	2730229.61	N 36 52 6.9600W 107 48 32.1513
1754.00	20.23	291.72	1689.91	403.54	149.43	-374.92	1.04	2135507.54	2730200.15	N 36 52 7.0775W 107 48 32.5138
1817.00	20.10	296.54	1749.06	425.23	158.30	-394.72	2.64	2135516.41	2730180.35	N 36 52 7.1652W 107 48 32.7576
1881.00	19.10	297.64	1809.35	446.64	168.07	-413.84	1.67	2135526.17	2730161.23	N 36 52 7.2618W 107 48 32.9928
1944.00	19.45	297.18	1868.82	467.37	177.64	-432.30	0.61	2135535.74	2730142.77	N 36 52 7.3564W 107 48 33.2200
2040.00	19.08	298.29	1959.44	498.92	192.38	-460.34	0.54	2135550.47	2730114.73	N 36 52 7.5021W 107 48 33.5650
2131.00	19.63	298.29	2045.30	528.93	206.67	-486.89	0.60	2135564.75	2730088.17	N 36 52 7.6435W 107 48 33.8918
2226.00	19.83	294.14	2134.72	560.93	220.83	-515.65	1.49	2135578.90	2730059.41	N 36 52 7.7834W 107 48 34.2457
2318.00	19.13	294.12	2221.46	591.60	233.37	-543.65	0.76	2135591.43	2730031.41	N 36 52 7.9074W 107 48 34.5903
2413.00	19.42	293.87	2311.13	622.95	246.12	-572.30	0.32	2135604.17	2730002.76	N 36 52 8.0335W 107 48 34.9429
2509.00	19.98	294.16	2401.51	655.30	259.29	-601.86	0.59	2135617.34	2729973.20	N 36 52 8.1637W 107 48 35.3066
2604.00	20.20	295.66	2490.73	687.91	273.04	-631.45	0.59	2135631.07	2729943.61	N 36 52 8.2996W 107 48 35.6708
2699.00	20.40	295.74	2579.83	720.82	287.33	-661.15	0.21	2135645.36	2729913.91	N 36 52 8.4409W 107 48 36.0363
2794.00	21.75	294.54	2668.48	754.95	301.83	-692.08	1.49	2135659.85	2729882.98	N 36 52 8.5843W 107 48 36.4169
2800.00	21.76	294.54	2674.05	757.17	302.75	-694.10	0.12	2135660.77	2729880.96	N 36 52 8.5934W 107 48 36.4418
2805.00	21.74	294.54	2678.69	759.03	303.52	-695.78	0.43	2135661.54	2729879.27	N 36 52 8.6010W 107 48 36.4625

Last SLB MWD
Begin Inclination Surveys

2810.00	21.94	294.54	2683.33	760.88	304.30	-697.48	4.09	2135662.31	2729877.58	N 36 52 8.6087 W 107 48 36.4834
2815.00	22.03	294.54	2687.97	762.76	305.07	-699.18	1.72	2135663.09	2729875.88	N 36 52 8.6164 W 107 48 36.5043
2820.00	21.91	294.54	2692.61	764.62	305.85	-700.88	2.37	2135663.87	2729874.18	N 36 52 8.6241 W 107 48 36.5253
2825.00	21.90	294.54	2697.25	766.49	306.63	-702.58	0.22	2135664.64	2729872.48	N 36 52 8.6317 W 107 48 36.5461
2830.00	21.98	294.54	2701.88	768.36	307.40	-704.28	1.72	2135665.42	2729870.78	N 36 52 8.6394 W 107 48 36.5670
2835.00	21.96	294.54	2706.52	770.23	308.18	-705.98	0.43	2135666.19	2729869.08	N 36 52 8.6471 W 107 48 36.5880
2840.00	22.06	294.54	2711.16	772.10	308.96	-707.68	1.94	2135666.97	2729867.37	N 36 52 8.6548 W 107 48 36.6090
2845.00	22.21	294.54	2715.79	773.98	309.74	-709.40	3.01	2135667.75	2729865.66	N 36 52 8.6625 W 107 48 36.6301
2850.00	22.27	294.54	2720.42	775.87	310.52	-711.12	1.29	2135668.54	2729863.94	N 36 52 8.6703 W 107 48 36.6512
2855.00	22.23	294.54	2725.04	777.77	311.31	-712.84	0.86	2135669.32	2729862.22	N 36 52 8.6780 W 107 48 36.6724
2860.00	22.09	294.54	2729.67	779.65	312.09	-714.56	2.80	2135670.11	2729860.50	N 36 52 8.6858 W 107 48 36.6936
2865.00	22.06	294.54	2734.31	781.53	312.87	-716.27	0.65	2135670.89	2729858.79	N 36 52 8.6935 W 107 48 36.7146
2870.00	21.93	294.54	2738.94	783.40	313.65	-717.97	2.58	2135671.66	2729857.09	N 36 52 8.7012 W 107 48 36.7356
2875.00	21.88	294.54	2743.58	785.26	314.43	-719.67	1.08	2135672.44	2729855.39	N 36 52 8.7088 W 107 48 36.7564
2880.00	21.76	294.54	2748.23	787.12	315.20	-721.36	2.37	2135673.21	2729853.70	N 36 52 8.7165 W 107 48 36.7772
2885.00	21.66	294.54	2752.87	788.97	315.97	-723.04	1.94	2135673.98	2729852.02	N 36 52 8.7241 W 107 48 36.7979
2890.00	21.55	294.54	2757.52	790.81	316.73	-724.71	2.15	2135674.74	2729850.34	N 36 52 8.7316 W 107 48 36.8185
2895.00	21.33	294.54	2762.17	792.64	317.49	-726.38	4.52	2135675.50	2729848.68	N 36 52 8.7391 W 107 48 36.8390
2900.00	21.01	294.54	2766.84	794.44	318.24	-728.02	6.24	2135676.25	2729847.04	N 36 52 8.7466 W 107 48 36.8592
2905.00	20.91	294.54	2771.51	796.23	318.98	-729.65	2.15	2135676.99	2729845.41	N 36 52 8.7539 W 107 48 36.8792
2910.00	20.85	294.54	2776.18	798.01	319.72	-731.27	1.08	2135677.73	2729843.79	N 36 52 8.7612 W 107 48 36.8992
2915.00	20.67	294.54	2780.85	799.78	320.46	-732.88	3.66	2135678.47	2729842.18	N 36 52 8.7685 W 107 48 36.9190
2920.00	20.67	294.54	2785.53	801.55	321.19	-734.48	0.00	2135679.20	2729840.57	N 36 52 8.7757 W 107 48 36.9388
2925.00	20.41	294.54	2790.21	803.30	321.92	-736.08	5.17	2135679.93	2729838.98	N 36 52 8.7829 W 107 48 36.9584
2930.00	20.00	294.54	2794.90	805.03	322.64	-737.65	8.18	2135680.64	2729837.41	N 36 52 8.7900 W 107 48 36.9778
2935.00	19.73	294.54	2799.61	806.72	323.34	-739.20	5.38	2135681.35	2729835.86	N 36 52 8.7970 W 107 48 36.9968
2940.00	19.57	294.54	2804.32	808.41	324.04	-740.73	3.23	2135682.05	2729834.33	N 36 52 8.8039 W 107 48 37.0156
2945.00	19.36	294.54	2809.03	810.07	324.74	-742.24	4.30	2135682.74	2729832.81	N 36 52 8.8108 W 107 48 37.0343
2950.00	19.26	294.54	2813.75	811.72	325.42	-743.75	1.94	2135683.42	2729831.31	N 36 52 8.8176 W 107 48 37.0528
2955.00	19.17	294.54	2818.47	813.37	326.11	-745.24	1.72	2135684.11	2729829.81	N 36 52 8.8243 W 107 48 37.0712
2960.00	19.14	294.54	2823.19	815.01	326.79	-746.74	0.65	2135684.79	2729828.32	N 36 52 8.8310 W 107 48 37.0896
2965.00	18.79	294.54	2827.92	816.63	327.46	-748.21	7.10	2135685.46	2729826.84	N 36 52 8.8377 W 107 48 37.1078
2970.00	18.70	294.54	2832.66	818.24	328.13	-749.68	1.72	2135686.13	2729825.38	N 36 52 8.8443 W 107 48 37.1257
2975.00	18.43	294.54	2837.40	819.83	328.79	-751.12	5.38	2135686.79	2729823.93	N 36 52 8.8509 W 107 48 37.1436
2980.00	18.25	294.54	2842.14	821.40	329.44	-752.56	3.66	2135687.44	2729822.50	N 36 52 8.8573 W 107 48 37.1612
2985.00	18.05	294.54	2846.89	822.96	330.09	-753.97	3.87	2135688.09	2729821.08	N 36 52 8.8637 W 107 48 37.1786
2990.00	17.85	294.54	2851.65	824.50	330.73	-755.37	4.09	2135688.73	2729819.68	N 36 52 8.8700 W 107 48 37.1959
2995.00	17.99	294.54	2856.41	826.04	331.37	-756.77	2.80	2135689.37	2729818.28	N 36 52 8.8764 W 107 48 37.2131

3000.00	17.53	294.54	2861.17	827.56	332.00	-758.16	9.25	2135690.00	2729816.89	N 36 52 8.8826°W 107 48 37.2302
3005.00	17.52	294.54	2865.94	829.07	332.63	-759.53	0.22	2135690.63	2729815.53	N 36 52 8.8888°W 107 48 37.2470
3010.00	17.16	294.54	2870.71	830.56	333.25	-760.89	7.10	2135691.24	2729814.17	N 36 52 8.8949°W 107 48 37.2637
3015.00	17.02	294.54	2875.49	832.02	333.86	-762.22	2.80	2135691.85	2729812.83	N 36 52 8.9010°W 107 48 37.2802
3020.00	16.65	294.54	2880.28	833.47	334.46	-763.54	7.53	2135692.45	2729811.52	N 36 52 8.9069°W 107 48 37.2964
3025.00	16.44	294.54	2885.07	834.89	335.05	-764.83	4.09	2135693.05	2729810.22	N 36 52 8.9127°W 107 48 37.3123
3030.00	16.25	294.54	2889.87	836.30	335.63	-766.11	3.87	2135693.63	2729808.94	N 36 52 8.9185°W 107 48 37.3281
3035.00	16.06	294.54	2894.67	837.69	336.21	-767.38	3.66	2135694.21	2729807.68	N 36 52 8.9242°W 107 48 37.3436
3040.00	15.99	294.54	2899.47	839.07	336.79	-768.64	1.51	2135694.78	2729806.42	N 36 52 8.9299°W 107 48 37.3591
3045.00	15.75	294.54	2904.28	840.44	337.35	-769.88	4.74	2135695.35	2729805.18	N 36 52 8.9355°W 107 48 37.3744
3050.00	15.69	294.54	2909.10	841.79	337.92	-771.11	1.29	2135695.91	2729803.94	N 36 52 8.9411°W 107 48 37.3895
3055.00	15.65	294.54	2913.91	843.14	338.48	-772.34	0.65	2135696.47	2729802.71	N 36 52 8.9466°W 107 48 37.4047
3060.00	15.57	294.54	2918.73	844.49	339.04	-773.56	1.72	2135697.03	2729801.49	N 36 52 8.9522°W 107 48 37.4197
3065.00	15.44	294.54	2923.54	845.82	339.59	-774.78	2.58	2135697.58	2729800.27	N 36 52 8.9576°W 107 48 37.4347
3070.00	15.29	294.54	2928.37	847.15	340.14	-775.99	3.01	2135698.13	2729799.07	N 36 52 8.9631°W 107 48 37.4495
3075.00	15.32	294.54	2933.19	848.47	340.69	-777.19	0.65	2135698.68	2729797.87	N 36 52 8.9685°W 107 48 37.4643
3080.00	15.24	294.54	2938.01	849.78	341.24	-778.38	1.72	2135699.23	2729796.67	N 36 52 8.9739°W 107 48 37.4791
3085.00	15.19	294.54	2942.84	851.09	341.78	-779.58	0.86	2135699.77	2729795.48	N 36 52 8.9793°W 107 48 37.4937
3090.00	15.19	294.54	2947.66	852.40	342.33	-780.77	0.00	2135700.32	2729794.28	N 36 52 8.9847°W 107 48 37.5084
3095.00	15.19	294.54	2952.49	853.71	342.87	-781.96	0.00	2135700.86	2729793.09	N 36 52 8.9901°W 107 48 37.5231
3100.00	15.19	294.54	2957.31	855.02	343.41	-783.15	0.00	2135701.40	2729791.90	N 36 52 8.9954°W 107 48 37.5377
3105.00	15.14	294.54	2962.14	856.33	343.96	-784.34	1.08	2135701.95	2729790.71	N 36 52 9.0008°W 107 48 37.5524
3110.00	15.01	294.54	2966.97	857.63	344.50	-785.53	2.58	2135702.49	2729789.53	N 36 52 9.0062°W 107 48 37.5669
3115.00	14.91	294.54	2971.80	858.92	345.03	-786.70	1.94	2135703.02	2729788.35	N 36 52 9.0115°W 107 48 37.5814
3120.00	14.79	294.54	2976.63	860.20	345.57	-787.87	2.37	2135703.55	2729787.19	N 36 52 9.0167°W 107 48 37.5957
3125.00	14.65	294.54	2981.47	861.47	346.09	-789.02	2.80	2135704.08	2729786.03	N 36 52 9.0219°W 107 48 37.6100
3130.00	14.50	294.54	2986.30	862.73	346.62	-790.17	3.01	2135704.60	2729784.89	N 36 52 9.0271°W 107 48 37.6241
3135.00	14.45	294.54	2991.15	863.98	347.14	-791.30	1.08	2135705.12	2729783.75	N 36 52 9.0322°W 107 48 37.6381
3140.00	14.39	294.54	2995.99	865.22	347.65	-792.44	1.29	2135705.64	2729782.62	N 36 52 9.0373°W 107 48 37.6520
3150.00	14.14	294.54	3005.68	867.68	348.68	-794.68	2.48	2135706.66	2729780.38	N 36 52 9.0475°W 107 48 37.6796
3155.00	14.05	294.54	3010.53	868.90	349.18	-795.79	1.72	2135707.17	2729779.27	N 36 52 9.0525°W 107 48 37.6932
3160.00	13.83	294.54	3015.38	870.11	349.68	-796.88	4.52	2135707.67	2729778.17	N 36 52 9.0574°W 107 48 37.7067
3165.00	13.70	294.54	3020.24	871.29	350.18	-797.96	2.58	2135708.16	2729777.09	N 36 52 9.0623°W 107 48 37.7200
3170.00	13.46	294.54	3025.10	872.47	350.66	-799.03	4.74	2135708.65	2729776.02	N 36 52 9.0671°W 107 48 37.7331
3175.00	13.45	294.54	3029.96	873.63	351.15	-800.09	0.21	2135709.13	2729774.97	N 36 52 9.0719°W 107 48 37.7462
3180.00	13.33	294.54	3034.83	874.79	351.63	-801.14	2.37	2135709.61	2729773.91	N 36 52 9.0766°W 107 48 37.7591
3185.00	13.33	294.54	3039.69	875.94	352.11	-802.19	0.00	2135710.09	2729772.86	N 36 52 9.0814°W 107 48 37.7720

3190.00	13.19	294.54	3044.56	877.09	352.58	-803.23	2.80	2135710.57	2729771.82	N 36 52 9.0861W 107 48 37.7849
3195.00	13.02	294.54	3049.43	878.22	353.05	-804.27	3.44	2135711.04	2729770.79	N 36 52 9.0907W 107 48 37.7976
3200.00	12.99	294.54	3054.30	879.34	353.52	-805.29	0.65	2135711.50	2729769.77	N 36 52 9.0954W 107 48 37.8101
3205.00	12.87	294.54	3059.17	880.46	353.98	-806.31	2.37	2135711.97	2729768.75	N 36 52 9.1000W 107 48 37.8227
3210.00	12.86	294.54	3064.05	881.57	354.45	-807.32	0.21	2135712.43	2729767.73	N 36 52 9.1045W 107 48 37.8351
3215.00	12.82	294.54	3068.92	882.68	354.91	-808.33	0.65	2135712.89	2729766.72	N 36 52 9.1091W 107 48 37.8476
3220.00	12.77	294.54	3073.80	883.79	355.37	-809.34	1.08	2135713.35	2729765.72	N 36 52 9.1136W 107 48 37.8600
3225.00	12.82	294.54	3078.67	884.90	355.83	-810.34	1.08	2135713.81	2729764.71	N 36 52 9.1182W 107 48 37.8724
3230.00	12.72	294.54	3083.55	886.00	356.29	-811.35	2.15	2135714.27	2729763.70	N 36 52 9.1227W 107 48 37.8847
3235.00	12.71	294.54	3088.43	887.10	356.74	-812.35	0.22	2135714.73	2729762.70	N 36 52 9.1272W 107 48 37.8971
3240.00	12.49	294.54	3093.31	888.19	357.20	-813.34	4.31	2135715.18	2729761.71	N 36 52 9.1317W 107 48 37.9093
3245.00	12.38	294.54	3098.19	889.27	357.64	-814.32	2.15	2135715.63	2729760.73	N 36 52 9.1361W 107 48 37.9213
3250.00	12.09	294.54	3103.08	890.33	358.08	-815.29	5.81	2135716.06	2729759.77	N 36 52 9.1405W 107 48 37.9332
3255.00	11.96	294.54	3107.97	891.37	358.52	-816.23	2.58	2135716.50	2729758.82	N 36 52 9.1448W 107 48 37.9449
3260.00	11.90	294.54	3112.86	892.40	358.95	-817.17	1.29	2135716.93	2729757.88	N 36 52 9.1490W 107 48 37.9564
3265.00	11.89	294.54	3117.75	893.43	359.37	-818.11	0.21	2135717.35	2729756.94	N 36 52 9.1532W 107 48 37.9680
3270.00	11.80	294.54	3122.64	894.46	359.80	-819.05	1.72	2135717.78	2729756.01	N 36 52 9.1575W 107 48 37.9794
3275.00	11.77	294.54	3127.54	895.48	360.23	-819.97	0.65	2135718.20	2729755.08	N 36 52 9.1617W 107 48 37.9909
3280.00	11.65	294.54	3132.44	896.49	360.65	-820.90	2.37	2135718.63	2729754.16	N 36 52 9.1658W 107 48 38.0022
3285.00	11.45	294.54	3137.33	897.49	361.06	-821.81	4.09	2135719.04	2729753.24	N 36 52 9.1699W 107 48 38.0134
3290.00	11.21	294.54	3142.24	898.48	361.47	-822.70	4.73	2135719.45	2729752.35	N 36 52 9.1740W 107 48 38.0244
3295.00	11.21	294.54	3147.14	899.45	361.87	-823.59	0.00	2135719.85	2729751.47	N 36 52 9.1780W 107 48 38.0353
3300.00	11.11	294.54	3152.05	900.42	362.28	-824.47	1.94	2135720.25	2729750.59	N 36 52 9.1819W 107 48 38.0462
3305.00	11.06	294.54	3156.95	901.38	362.68	-825.34	1.08	2135720.65	2729749.71	N 36 52 9.1859W 107 48 38.0569
3310.00	11.02	294.54	3161.86	902.33	363.07	-826.21	0.86	2135721.05	2729748.84	N 36 52 9.1898W 107 48 38.0676
3315.00	10.96	294.54	3166.77	903.29	363.47	-827.08	1.08	2135721.45	2729747.97	N 36 52 9.1937W 107 48 38.0783
3320.00	10.84	294.54	3171.68	904.23	363.86	-827.94	2.37	2135721.84	2729747.11	N 36 52 9.1976W 107 48 38.0889
3325.00	10.72	294.54	3176.59	905.17	364.25	-828.79	2.58	2135722.23	2729746.26	N 36 52 9.2014W 107 48 38.0994
3330.00	10.53	294.54	3181.50	906.09	364.63	-829.63	3.66	2135722.61	2729745.42	N 36 52 9.2052W 107 48 38.1097
3335.00	10.38	294.54	3186.42	906.99	365.01	-830.45	3.01	2135722.99	2729744.60	N 36 52 9.2090W 107 48 38.1198
3340.00	10.18	294.54	3191.34	907.89	365.38	-831.27	4.09	2135723.36	2729743.79	N 36 52 9.2126W 107 48 38.1298
3345.00	10.13	294.54	3196.26	908.77	365.75	-832.07	0.86	2135723.72	2729742.98	N 36 52 9.2162W 107 48 38.1397
3350.00	10.09	294.54	3201.19	909.64	366.11	-832.87	0.86	2135724.09	2729742.19	N 36 52 9.2199W 107 48 38.1495
3355.00	10.04	294.54	3206.11	910.52	366.47	-833.66	1.08	2135724.45	2729741.39	N 36 52 9.2234W 107 48 38.1593
3360.00	9.97	294.54	3211.03	911.39	366.84	-834.45	1.29	2135724.81	2729740.60	N 36 52 9.2270W 107 48 38.1690
3365.00	9.83	294.54	3215.96	912.25	367.19	-835.23	2.80	2135725.17	2729739.82	N 36 52 9.2305W 107 48 38.1787
3370.00	9.66	294.54	3220.89	913.09	367.54	-836.00	3.44	2135725.52	2729739.05	N 36 52 9.2340W 107 48 38.1881
3375.00	9.50	294.54	3225.82	913.92	367.89	-836.76	3.23	2135725.86	2729738.29	N 36 52 9.2374W 107 48 38.1975

1.88°/100

3380.00	9.37	294.54	3230.75	914.74	368.23	-837.51	2.58	2135726.20	2729737.55	N 36 52 9.2408W 107 48 38.2066
3385.00	9.28	294.54	3235.68	915.55	368.57	-838.24	1.72	2135726.54	2729736.81	N 36 52 9.2441W 107 48 38.2157
3390.00	9.17	294.54	3240.62	916.35	368.90	-838.97	2.37	2135726.87	2729736.08	N 36 52 9.2474W 107 48 38.2247
3395.00	9.09	294.54	3245.55	917.15	369.23	-839.69	1.51	2135727.20	2729735.36	N 36 52 9.2507W 107 48 38.2336
3400.00	9.04	294.54	3250.49	917.93	369.56	-840.41	1.08	2135727.53	2729734.64	N 36 52 9.2539W 107 48 38.2424
3405.00	8.89	294.54	3255.43	918.71	369.88	-841.12	3.01	2135727.85	2729733.93	N 36 52 9.2571W 107 48 38.2511
3410.00	8.79	294.54	3260.37	919.48	370.20	-841.82	1.94	2135728.17	2729733.23	N 36 52 9.2603W 107 48 38.2597
3415.00	8.77	294.54	3265.31	920.24	370.52	-842.51	0.43	2135728.49	2729732.54	N 36 52 9.2634W 107 48 38.2682
3420.00	8.54	294.54	3270.26	920.99	370.83	-843.20	4.52	2135728.80	2729731.86	N 36 52 9.2665W 107 48 38.2767
3425.00	8.41	294.54	3275.20	921.73	371.13	-843.87	2.58	2135729.10	2729731.19	N 36 52 9.2695W 107 48 38.2849
3430.00	8.35	294.54	3280.15	922.46	371.44	-844.53	1.29	2135729.41	2729730.52	N 36 52 9.2725W 107 48 38.2931
3435.00	8.26	294.54	3285.10	923.18	371.74	-845.19	1.72	2135729.71	2729729.87	N 36 52 9.2755W 107 48 38.3011
3440.00	8.22	294.54	3290.04	923.90	372.03	-845.84	0.86	2135730.00	2729729.21	N 36 52 9.2784W 107 48 38.3092
3445.00	8.11	294.54	3294.99	924.61	372.33	-846.48	2.15	2135730.30	2729728.57	N 36 52 9.2813W 107 48 38.3171
3450.00	7.93	294.54	3299.94	925.30	372.62	-847.12	3.66	2135730.59	2729727.93	N 36 52 9.2842W 107 48 38.3249
3455.00	7.83	294.54	3304.90	925.99	372.90	-847.74	1.94	2135730.87	2729727.31	N 36 52 9.2870W 107 48 38.3326
3460.00	7.69	294.54	3309.85	926.66	373.18	-848.36	2.80	2135731.15	2729726.70	N 36 52 9.2898W 107 48 38.3402
3465.00	7.52	294.54	3314.81	927.33	373.46	-848.96	3.44	2135731.43	2729726.09	N 36 52 9.2925W 107 48 38.3476
3470.00	7.40	294.54	3319.77	927.97	373.73	-849.55	2.37	2135731.70	2729725.50	N 36 52 9.2952W 107 48 38.3548
3475.00	7.33	294.54	3324.72	928.61	373.99	-850.13	1.51	2135731.96	2729724.92	N 36 52 9.2978W 107 48 38.3620
3480.00	7.28	294.54	3329.68	929.25	374.26	-850.71	0.86	2135732.23	2729724.34	N 36 52 9.3004W 107 48 38.3691
3485.00	7.17	294.54	3334.64	929.88	374.52	-851.28	2.15	2135732.49	2729723.77	N 36 52 9.3030W 107 48 38.3762
3490.00	7.06	294.54	3339.61	930.50	374.78	-851.85	2.37	2135732.75	2729723.21	N 36 52 9.3055W 107 48 38.3831
3495.00	6.94	294.54	3344.57	931.11	375.03	-852.40	2.37	2135733.00	2729722.65	N 36 52 9.3080W 107 48 38.3899
3500.00	6.84	294.54	3349.53	931.71	375.28	-852.95	1.94	2135733.25	2729722.11	N 36 52 9.3105W 107 48 38.3966
3505.00	6.66	294.54	3354.50	932.29	375.52	-853.48	3.66	2135733.49	2729721.57	N 36 52 9.3129W 107 48 38.4032
3510.00	6.57	294.54	3359.46	932.87	375.76	-854.00	1.72	2135733.73	2729721.05	N 36 52 9.3153W 107 48 38.4097
3515.00	6.53	294.54	3364.43	933.44	376.00	-854.52	0.86	2135733.97	2729720.53	N 36 52 9.3176W 107 48 38.4160
3520.00	6.38	294.54	3369.40	934.00	376.23	-855.03	3.01	2135734.20	2729720.02	N 36 52 9.3199W 107 48 38.4223
3525.00	6.28	294.54	3374.37	934.55	376.46	-855.54	1.94	2135734.43	2729719.52	N 36 52 9.3222W 107 48 38.4285
3530.00	6.10	294.54	3379.34	935.09	376.69	-856.03	3.66	2135734.65	2729719.03	N 36 52 9.3244W 107 48 38.4345
3535.00	6.07	294.54	3384.31	935.62	376.91	-856.51	0.65	2135734.87	2729718.54	N 36 52 9.3266W 107 48 38.4405
3545.00	5.87	294.54	3394.26	936.66	377.34	-857.45	1.94	2135735.30	2729717.60	N 36 52 9.3308W 107 48 38.4521
3550.00	5.80	294.54	3399.23	937.17	377.55	-857.92	1.51	2135735.52	2729717.14	N 36 52 9.3329W 107 48 38.4578
3555.00	5.67	294.54	3404.21	937.67	377.76	-858.37	2.58	2135735.72	2729716.68	N 36 52 9.3350W 107 48 38.4634
3560.00	5.54	294.54	3409.18	938.15	377.96	-858.81	2.58	2135735.93	2729716.24	N 36 52 9.3370W 107 48 38.4689
3565.00	5.38	294.54	3414.16	938.63	378.16	-859.25	3.23	2135736.12	2729715.80	N 36 52 9.3389W 107 48 38.4742

207/100

207/100

3570.00	5.38	294.54	3419.14	939.10	378.35	-859.67	0.00	2135736.32	2729715.38	N 36 52 9.3409 W	107 48 38.4794
3575.00	5.37	294.54	3424.12	939.57	378.54	-860.10	0.22	2135736.51	2729714.95	N 36 52 9.3428 W	107 48 38.4847
3580.00	5.25	294.54	3429.09	940.03	378.74	-860.52	2.37	2135736.70	2729714.53	N 36 52 9.3447 W	107 48 38.4898
3585.00	5.15	294.54	3434.07	940.48	378.93	-860.93	1.94	2135736.89	2729714.12	N 36 52 9.3465 W	107 48 38.4949
3590.00	4.91	294.54	3439.05	940.92	379.11	-861.33	4.74	2135737.07	2729713.72	N 36 52 9.3483 W	107 48 38.4998
3595.00	4.80	294.54	3444.04	941.34	379.28	-861.72	2.37	2135737.25	2729713.34	N 36 52 9.3501 W	107 48 38.5046
3600.00	4.76	294.54	3449.02	941.76	379.46	-862.09	0.65	2135737.42	2729712.96	N 36 52 9.3518 W	107 48 38.5092
3605.00	4.81	294.54	3454.00	942.18	379.63	-862.47	0.86	2135737.59	2729712.58	N 36 52 9.3535 W	107 48 38.5139
3610.00	4.75	294.54	3458.98	942.59	379.80	-862.85	1.08	2135737.77	2729712.20	N 36 52 9.3552 W	107 48 38.5186
3615.00	4.72	294.54	3463.97	943.00	379.97	-863.23	0.65	2135737.94	2729711.82	N 36 52 9.3569 W	107 48 38.5232
3620.00	4.57	294.54	3468.95	943.41	380.14	-863.60	3.01	2135738.11	2729711.45	N 36 52 9.3586 W	107 48 38.5277
3625.00	4.38	294.54	3473.94	943.80	380.30	-863.95	3.87	2135738.27	2729711.10	N 36 52 9.3602 W	107 48 38.5321
3630.00	4.16	294.54	3478.92	944.17	380.46	-864.29	4.30	2135738.42	2729710.76	N 36 52 9.3617 W	107 48 38.5363
3635.00	4.14	294.54	3483.91	944.53	380.61	-864.62	0.43	2135738.57	2729710.43	N 36 52 9.3632 W	107 48 38.5403
3640.00	4.06	294.54	3488.90	944.89	380.76	-864.95	1.51	2135738.72	2729710.11	N 36 52 9.3647 W	107 48 38.5443
3645.00	4.03	294.54	3493.88	945.24	380.90	-865.27	0.65	2135738.87	2729709.79	N 36 52 9.3661 W	107 48 38.5483
3650.00	3.99	294.54	3498.87	945.59	381.05	-865.58	0.86	2135739.01	2729709.47	N 36 52 9.3675 W	107 48 38.5522
3655.00	3.83	294.54	3503.86	945.93	381.19	-865.89	3.23	2135739.16	2729709.16	N 36 52 9.3689 W	107 48 38.5560
3660.00	3.81	294.54	3508.85	946.27	381.33	-866.20	0.43	2135739.29	2729708.85	N 36 52 9.3703 W	107 48 38.5597
3665.00	3.76	294.54	3513.84	946.60	381.47	-866.50	0.86	2135739.43	2729708.55	N 36 52 9.3717 W	107 48 38.5634
3670.00	3.87	294.54	3518.83	946.93	381.60	-866.80	2.15	2135739.57	2729708.25	N 36 52 9.3730 W	107 48 38.5671
3675.00	3.63	294.54	3523.82	947.26	381.74	-867.10	4.74	2135739.70	2729707.95	N 36 52 9.3744 W	107 48 38.5708
3680.00	3.49	294.54	3528.81	947.57	381.87	-867.38	2.80	2135739.83	2729707.67	N 36 52 9.3756 W	107 48 38.5743
3685.00	3.41	294.54	3533.80	947.87	381.99	-867.65	1.72	2135739.96	2729707.40	N 36 52 9.3769 W	107 48 38.5776
3690.00	3.31	294.54	3538.79	948.16	382.12	-867.92	1.94	2135740.08	2729707.13	N 36 52 9.3781 W	107 48 38.5809
3695.00	3.31	294.54	3543.78	948.45	382.24	-868.18	0.00	2135740.20	2729706.87	N 36 52 9.3793 W	107 48 38.5842
3700.00	3.31	294.54	3548.77	948.74	382.36	-868.45	0.00	2135740.32	2729706.61	N 36 52 9.3805 W	107 48 38.5874
3705.00	3.21	294.54	3553.76	949.02	382.47	-868.70	1.94	2135740.44	2729706.35	N 36 52 9.3816 W	107 48 38.5906
3710.00	3.17	294.54	3558.76	949.30	382.59	-868.96	0.86	2135740.55	2729706.09	N 36 52 9.3828 W	107 48 38.5937
3715.00	3.10	294.54	3563.75	949.57	382.70	-869.21	1.51	2135740.67	2729705.84	N 36 52 9.3839 W	107 48 38.5968
3720.00	2.99	294.54	3568.74	949.84	382.81	-869.45	2.15	2135740.78	2729705.60	N 36 52 9.3850 W	107 48 38.5997
3725.00	2.96	294.54	3573.73	950.10	382.92	-869.68	0.65	2135740.88	2729705.37	N 36 52 9.3860 W	107 48 38.6026
3730.00	2.79	294.54	3578.73	950.35	383.03	-869.91	3.23	2135740.99	2729705.14	N 36 52 9.3871 W	107 48 38.6054
3735.00	2.84	294.54	3583.72	950.59	383.13	-870.14	0.86	2135741.09	2729704.92	N 36 52 9.3881 W	107 48 38.6082
3740.00	2.81	294.54	3588.72	950.84	383.23	-870.36	0.65	2135741.19	2729704.69	N 36 52 9.3891 W	107 48 38.6109
3745.00	2.76	294.54	3593.71	951.08	383.33	-870.58	0.86	2135741.29	2729704.47	N 36 52 9.3901 W	107 48 38.6137
3750.00	2.77	294.54	3598.70	951.32	383.43	-870.80	0.22	2135741.39	2729704.25	N 36 52 9.3911 W	107 48 38.6164
3755.00	2.72	294.54	3603.70	951.56	383.53	-871.02	1.08	2135741.49	2729704.03	N 36 52 9.3921 W	107 48 38.6190

$z = 0.8^{\circ}/100'$

$1.45^{\circ}/100'$

3760.00	2.59	294.54	3608.69	951.79	383.63	-871.23	2.58	2135741.59	2729703.82	N 36 52 9.3930 W 107 48 38.6216
3765.00	2.40	294.54	3613.69	952.01	383.72	-871.43	3.87	2135741.68	2729703.63	N 36 52 9.3939 W 107 48 38.6241
3770.00	2.40	294.54	3618.68	952.22	383.80	-871.62	0.00	2135741.77	2729703.44	N 36 52 9.3948 W 107 48 38.6264
3775.00	2.29	294.54	3623.68	952.42	383.89	-871.80	2.15	2135741.85	2729703.25	N 36 52 9.3956 W 107 48 38.6287
3780.00	2.28	294.54	3628.68	952.62	383.97	-871.98	0.22	2135741.93	2729703.07	N 36 52 9.3964 W 107 48 38.6309
3785.00	2.28	294.54	3633.67	952.82	384.05	-872.16	0.00	2135742.02	2729702.89	N 36 52 9.3972 W 107 48 38.6332
3790.00	2.21	294.54	3638.67	953.02	384.13	-872.34	1.29	2135742.10	2729702.71	N 36 52 9.3980 W 107 48 38.6353
3795.00	2.14	294.54	3643.66	953.21	384.21	-872.52	1.51	2135742.18	2729702.54	N 36 52 9.3988 W 107 48 38.6375
3800.00	2.13	294.54	3648.66	953.39	384.29	-872.68	0.22	2135742.25	2729702.37	N 36 52 9.3996 W 107 48 38.6396
3805.00	2.14	294.54	3653.66	953.58	384.37	-872.85	0.22	2135742.33	2729702.20	N 36 52 9.4004 W 107 48 38.6416
3810.00	1.95	294.54	3658.65	953.76	384.44	-873.02	3.66	2135742.40	2729702.04	N 36 52 9.4011 W 107 48 38.6436
3815.00	1.90	294.54	3663.65	953.93	384.51	-873.17	1.08	2135742.47	2729701.88	N 36 52 9.4018 W 107 48 38.6455
3820.00	1.84	294.54	3668.65	954.09	384.58	-873.32	1.29	2135742.54	2729701.73	N 36 52 9.4024 W 107 48 38.6473
3825.00	1.84	294.54	3673.65	954.25	384.65	-873.46	0.00	2135742.61	2729701.59	N 36 52 9.4031 W 107 48 38.6491
3830.00	1.81	294.54	3678.64	954.41	384.71	-873.61	0.43	2135742.67	2729701.44	N 36 52 9.4038 W 107 48 38.6509
3835.00	1.78	294.54	3683.64	954.57	384.78	-873.75	0.64	2135742.74	2729701.30	N 36 52 9.4044 W 107 48 38.6527
3840.00	1.76	294.54	3688.64	954.72	384.84	-873.89	0.43	2135742.80	2729701.16	N 36 52 9.4050 W 107 48 38.6544
3845.00	1.65	294.54	3693.64	954.87	384.90	-874.03	2.15	2135742.87	2729701.02	N 36 52 9.4057 W 107 48 38.6561
3850.00	1.50	294.54	3698.64	955.01	384.96	-874.15	3.01	2135742.92	2729700.90	N 36 52 9.4062 W 107 48 38.6576
3855.00	1.36	294.54	3703.63	955.13	385.01	-874.27	2.80	2135742.98	2729700.79	N 36 52 9.4067 W 107 48 38.6590
3860.00	1.34	294.54	3708.63	955.25	385.06	-874.37	0.43	2135743.02	2729700.68	N 36 52 9.4072 W 107 48 38.6603
3865.00	1.28	294.54	3713.63	955.36	385.11	-874.48	1.29	2135743.07	2729700.57	N 36 52 9.4077 W 107 48 38.6616
3870.00	1.28	294.54	3718.63	955.48	385.16	-874.58	0.00	2135743.12	2729700.47	N 36 52 9.4081 W 107 48 38.6629
3875.00	1.28	294.54	3723.63	955.59	385.20	-874.68	0.00	2135743.16	2729700.37	N 36 52 9.4086 W 107 48 38.6641
3880.00	1.21	294.54	3728.63	955.70	385.25	-874.78	1.29	2135743.21	2729700.27	N 36 52 9.4090 W 107 48 38.6653
3885.00	1.21	294.54	3733.63	955.80	385.29	-874.87	0.00	2135743.25	2729700.18	N 36 52 9.4095 W 107 48 38.6665
3890.00	1.09	294.54	3738.63	955.90	385.33	-874.97	2.37	2135743.29	2729700.08	N 36 52 9.4099 W 107 48 38.6676
3895.00	1.04	294.54	3743.62	955.99	385.37	-875.05	1.08	2135743.33	2729700.00	N 36 52 9.4103 W 107 48 38.6687
3900.00	0.91	294.54	3748.62	956.08	385.41	-875.13	2.58	2135743.37	2729699.92	N 36 52 9.4106 W 107 48 38.6696
3905.00	0.91	294.54	3753.62	956.16	385.44	-875.20	0.00	2135743.40	2729699.85	N 36 52 9.4110 W 107 48 38.6705
3910.00	0.91	294.54	3758.62	956.24	385.47	-875.27	0.00	2135743.43	2729699.78	N 36 52 9.4113 W 107 48 38.6714
3915.00	0.80	294.54	3763.62	956.31	385.50	-875.34	2.15	2135743.47	2729699.71	N 36 52 9.4116 W 107 48 38.6722
3920.00	0.99	294.54	3768.62	956.39	385.54	-875.41	3.66	2135743.50	2729699.64	N 36 52 9.4119 W 107 48 38.6731
3925.00	0.79	294.54	3773.62	956.47	385.57	-875.48	3.87	2135743.53	2729699.57	N 36 52 9.4122 W 107 48 38.6740
3930.00	0.85	294.54	3778.62	956.54	385.60	-875.55	1.08	2135743.56	2729699.50	N 36 52 9.4125 W 107 48 38.6748
3935.00	0.90	294.54	3783.62	956.62	385.63	-875.62	1.08	2135743.59	2729699.43	N 36 52 9.4128 W 107 48 38.6756
3940.00	0.89	294.54	3788.62	956.69	385.66	-875.69	0.22	2135743.62	2729699.36	N 36 52 9.4132 W 107 48 38.6765

3945.00	0.79	294.54	3793.62	956.77	385.69	-875.76	1.94	2135743.65	2729699.30	N 36 52 9.4135W 107 48 38.6773
3950.00	0.85	294.54	3798.62	956.84	385.72	-875.82	1.08	2135743.68	2729699.23	N 36 52 9.4137W 107 48 38.6781
3955.00	0.75	294.54	3803.62	956.91	385.75	-875.88	1.94	2135743.71	2729699.17	N 36 52 9.4140W 107 48 38.6789
3960.00	0.89	294.54	3808.62	956.98	385.78	-875.95	2.80	2135743.74	2729699.10	N 36 52 9.4143W 107 48 38.6797
3965.00	0.89	294.54	3813.62	957.06	385.81	-876.02	0.00	2135743.77	2729699.03	N 36 52 9.4146W 107 48 38.6806
3970.00	0.89	294.54	3818.62	957.14	385.85	-876.09	0.00	2135743.81	2729698.96	N 36 52 9.4150W 107 48 38.6815
3975.00	0.84	294.54	3823.62	957.21	385.88	-876.16	1.08	2135743.84	2729698.89	N 36 52 9.4153W 107 48 38.6823
3980.00	0.78	294.54	3828.61	957.28	385.91	-876.22	1.08	2135743.87	2729698.83	N 36 52 9.4156W 107 48 38.6831
3985.00	0.79	294.54	3833.61	957.35	385.93	-876.28	0.22	2135743.90	2729698.77	N 36 52 9.4158W 107 48 38.6839
3990.00	0.78	294.54	3838.61	957.42	385.96	-876.35	0.22	2135743.92	2729698.70	N 36 52 9.4161W 107 48 38.6846
3995.00	0.75	294.54	3843.61	957.49	385.99	-876.41	0.65	2135743.95	2729698.64	N 36 52 9.4164W 107 48 38.6854
4000.00	0.74	294.54	3848.61	957.55	386.02	-876.47	0.22	2135743.98	2729698.58	N 36 52 9.4167W 107 48 38.6861
4005.00	0.74	294.54	3853.61	957.61	386.04	-876.53	0.00	2135744.01	2729698.53	N 36 52 9.4169W 107 48 38.6868
4010.00	0.66	294.54	3858.61	957.68	386.07	-876.58	1.51	2135744.03	2729698.47	N 36 52 9.4172W 107 48 38.6875
4015.00	0.60	294.54	3863.61	957.73	386.09	-876.63	1.29	2135744.05	2729698.42	N 36 52 9.4174W 107 48 38.6881
4020.00	0.57	294.54	3868.61	957.78	386.11	-876.68	0.64	2135744.08	2729698.37	N 36 52 9.4176W 107 48 38.6887
4025.00	0.64	294.54	3873.61	957.83	386.14	-876.73	1.51	2135744.10	2729698.33	N 36 52 9.4178W 107 48 38.6893
4030.00	0.66	294.54	3878.61	957.89	386.16	-876.78	0.43	2135744.12	2729698.27	N 36 52 9.4181W 107 48 38.6899
4035.00	0.64	294.54	3883.61	957.95	386.18	-876.83	0.43	2135744.14	2729698.22	N 36 52 9.4183W 107 48 38.6906
4040.00	0.53	294.54	3888.61	958.00	386.20	-876.88	2.15	2135744.17	2729698.18	N 36 52 9.4185W 107 48 38.6911
4045.00	0.60	294.54	3893.61	958.05	386.23	-876.92	1.29	2135744.19	2729698.13	N 36 52 9.4187W 107 48 38.6917
4050.00	0.65	294.54	3898.61	958.10	386.25	-876.97	1.08	2135744.21	2729698.08	N 36 52 9.4189W 107 48 38.6923
4055.00	0.65	294.54	3903.61	958.16	386.27	-877.02	0.00	2135744.23	2729698.03	N 36 52 9.4192W 107 48 38.6929
4060.00	0.59	294.54	3908.61	958.21	386.29	-877.07	1.29	2135744.26	2729697.98	N 36 52 9.4194W 107 48 38.6935
4065.00	0.66	294.54	3913.61	958.27	386.32	-877.12	1.51	2135744.28	2729697.93	N 36 52 9.4196W 107 48 38.6942
4070.00	0.55	294.54	3918.61	958.32	386.34	-877.17	2.37	2135744.30	2729697.88	N 36 52 9.4198W 107 48 38.6947
4075.00	0.43	294.54	3923.61	958.36	386.36	-877.21	2.37	2135744.32	2729697.84	N 36 52 9.4200W 107 48 38.6952
4080.00	0.63	294.54	3928.61	958.41	386.38	-877.25	4.09	2135744.34	2729697.80	N 36 52 9.4202W 107 48 38.6957
4116.50	0.47	294.54	3965.11	958.76	386.52	-877.57	0.44	2135744.48	2729697.48	N 36 52 9.4216W 107 48 38.6997
4120.00	0.45	294.54	3968.61	958.79	386.53	-877.59	0.61	2135744.49	2729697.46	N 36 52 9.4218W 107 48 38.7000
4125.00	0.44	294.54	3973.61	958.83	386.55	-877.63	0.22	2135744.51	2729697.42	N 36 52 9.4219W 107 48 38.7004
4130.00	0.42	294.54	3978.61	958.86	386.56	-877.66	0.43	2135744.53	2729697.39	N 36 52 9.4221W 107 48 38.7008
4135.00	0.42	294.54	3983.61	958.90	386.58	-877.70	0.00	2135744.54	2729697.35	N 36 52 9.4222W 107 48 38.7012
4140.00	0.36	294.54	3988.61	958.93	386.59	-877.73	1.08	2135744.55	2729697.32	N 36 52 9.4224W 107 48 38.7016
4145.00	0.36	294.54	3993.61	958.97	386.61	-877.76	0.00	2135744.57	2729697.30	N 36 52 9.4225W 107 48 38.7020
4150.00	0.42	294.54	3998.61	959.00	386.62	-877.79	1.08	2135744.58	2729697.26	N 36 52 9.4226W 107 48 38.7023
4155.00	0.42	294.54	4003.61	959.04	386.64	-877.82	0.00	2135744.60	2729697.23	N 36 52 9.4228W 107 48 38.7028
4160.00	0.43	294.54	4008.61	959.07	386.65	-877.85	0.21	2135744.61	2729697.20	N 36 52 9.4229W 107 48 38.7032

0.17%
100

4165.00	0.36	294.54	4013.61	959.11	386.67	-877.88	1.29	2135744.63	2729697.17	N 36 52 9.4231 W	107 48 38.7035
4170.00	0.36	294.54	4018.61	959.14	386.68	-877.91	0.00	2135744.64	2729697.14	N 36 52 9.4232 W	107 48 38.7039
4175.00	0.36	294.54	4023.60	959.17	386.69	-877.94	0.00	2135744.65	2729697.11	N 36 52 9.4233 W	107 48 38.7043
4180.00	0.46	294.54	4028.60	959.21	386.71	-877.97	1.94	2135744.67	2729697.08	N 36 52 9.4235 W	107 48 38.7047
4185.00	0.42	294.54	4033.60	959.24	386.72	-878.01	0.86	2135744.68	2729697.04	N 36 52 9.4236 W	107 48 38.7051
4190.00	0.38	294.54	4038.60	959.28	386.74	-878.04	0.65	2135744.70	2729697.01	N 36 52 9.4238 W	107 48 38.7055
4195.00	0.41	294.54	4043.60	959.31	386.75	-878.07	0.43	2135744.71	2729696.98	N 36 52 9.4239 W	107 48 38.7059
$0.16^{\circ}/100'$	0.42	294.54	4048.60	959.35	386.77	-878.11	0.22	2135744.73	2729696.95	N 36 52 9.4241 W	107 48 38.7063
	0.35	294.54	4053.60	959.38	386.78	-878.14	1.29	2135744.74	2729696.92	N 36 52 9.4242 W	107 48 38.7066
	0.39	294.54	4058.60	959.42	386.79	-878.17	0.86	2135744.75	2729696.89	N 36 52 9.4243 W	107 48 38.7070
	0.45	294.54	4063.60	959.45	386.81	-878.20	1.08	2135744.77	2729696.85	N 36 52 9.4245 W	107 48 38.7074
	0.44	294.54	4068.60	959.49	386.82	-878.23	0.22	2135744.79	2729696.82	N 36 52 9.4246 W	107 48 38.7078
	0.41	294.54	4073.60	959.53	386.84	-878.27	0.65	2135744.80	2729696.78	N 36 52 9.4248 W	107 48 38.7083
	0.43	294.54	4078.60	959.56	386.85	-878.30	0.43	2135744.82	2729696.75	N 36 52 9.4249 W	107 48 38.7087
	0.29	294.54	4083.60	959.60	386.87	-878.33	2.80	2135744.83	2729696.72	N 36 52 9.4251 W	107 48 38.7090
	0.32	294.54	4088.60	959.62	386.88	-878.35	0.65	2135744.84	2729696.70	N 36 52 9.4252 W	107 48 38.7093
	0.29	294.54	4093.60	959.65	386.89	-878.38	0.65	2135744.85	2729696.67	N 36 52 9.4253 W	107 48 38.7096
4250.00	0.25	294.54	4098.60	959.67	386.90	-878.40	0.64	2135744.86	2729696.65	N 36 52 9.4254 W	107 48 38.7099
4255.00	0.34	294.54	4103.60	959.70	386.91	-878.42	1.72	2135744.87	2729696.63	N 36 52 9.4255 W	107 48 38.7102
4260.00	0.32	294.54	4108.60	959.73	386.92	-878.45	0.43	2135744.88	2729696.60	N 36 52 9.4256 W	107 48 38.7105
4265.00	0.29	294.54	4113.60	959.75	386.93	-878.47	0.65	2135744.89	2729696.58	N 36 52 9.4257 W	107 48 38.7108
4270.00	0.29	294.54	4118.60	959.78	386.94	-878.49	0.00	2135744.90	2729696.56	N 36 52 9.4258 W	107 48 38.7111
4275.00	0.23	294.54	4123.60	959.80	386.95	-878.52	1.08	2135744.91	2729696.54	N 36 52 9.4259 W	107 48 38.7113
4280.00	0.19	294.54	4128.60	959.82	386.96	-878.53	0.86	2135744.92	2729696.52	N 36 52 9.4260 W	107 48 38.7115
4285.00	0.27	294.54	4133.60	959.84	386.97	-878.55	1.51	2135744.93	2729696.50	N 36 52 9.4261 W	107 48 38.7117
4290.00	0.23	294.54	4138.60	959.86	386.98	-878.57	0.65	2135744.94	2729696.48	N 36 52 9.4262 W	107 48 38.7120
4295.00	0.24	294.54	4143.60	959.88	386.99	-878.59	0.22	2135744.95	2729696.46	N 36 52 9.4262 W	107 48 38.7122
$0.19^{\circ}/100'$	0.23	294.54	4148.60	959.90	387.00	-878.61	0.22	2135744.96	2729696.44	N 36 52 9.4263 W	107 48 38.7124
	0.24	294.54	4153.60	959.92	387.00	-878.63	0.22	2135744.96	2729696.42	N 36 52 9.4264 W	107 48 38.7127
	0.23	294.54	4158.60	959.94	387.01	-878.65	0.22	2135744.97	2729696.41	N 36 52 9.4265 W	107 48 38.7129
	0.30	294.54	4163.60	959.97	387.02	-878.67	1.29	2135744.98	2729696.38	N 36 52 9.4266 W	107 48 38.7132
	0.35	294.54	4218.60	960.28	387.15	-878.95	0.10	2135745.11	2729696.10	N 36 52 9.4279 W	107 48 38.7167
	0.34	294.54	4223.60	960.31	387.16	-878.98	0.21	2135745.12	2729696.07	N 36 52 9.4280 W	107 48 38.7170
	0.30	294.54	4228.60	960.34	387.18	-879.00	0.86	2135745.14	2729696.05	N 36 52 9.4281 W	107 48 38.7173
	0.23	294.54	4233.60	960.36	387.19	-879.02	1.29	2135745.15	2729696.03	N 36 52 9.4282 W	107 48 38.7176
	0.23	294.54	4238.60	960.38	387.19	-879.04	0.00	2135745.15	2729696.01	N 36 52 9.4283 W	107 48 38.7178
	0.23	294.54	4243.60	960.40	387.20	-879.06	0.00	2135745.16	2729695.99	N 36 52 9.4284 W	107 48 38.7180

4400.00	0.23	294.54	4248.60	960.42	387.21	-879.08	0.00	2135745.17	2729695.97	N 36 52 9.4285W 107 48 38.7182
4405.00	0.21	294.54	4253.60	960.44	387.22	-879.10	0.43	2135745.18	2729695.95	N 36 52 9.4285W 107 48 38.7185
4410.00	0.22	294.54	4258.60	960.46	387.23	-879.11	0.22	2135745.19	2729695.94	N 36 52 9.4286W 107 48 38.7187
4415.00	0.18	294.54	4263.60	960.48	387.23	-879.13	0.86	2135745.19	2729695.92	N 36 52 9.4287W 107 48 38.7189
4420.00	0.17	294.54	4268.60	960.49	387.24	-879.14	0.21	2135745.20	2729695.91	N 36 52 9.4287W 107 48 38.7190
4425.00	0.05	294.54	4273.60	960.50	387.24	-879.15	2.37	2135745.20	2729695.90	N 36 52 9.4288W 107 48 38.7192
4430.00	0.08	294.54	4278.60	960.51	387.25	-879.16	0.65	2135745.21	2729695.89	N 36 52 9.4288W 107 48 38.7192
4435.00	0.06	294.54	4283.60	960.51	387.25	-879.16	0.43	2135745.21	2729695.89	N 36 52 9.4288W 107 48 38.7193
4440.00	0.11	294.54	4288.60	960.52	387.25	-879.17	1.08	2135745.21	2729695.88	N 36 52 9.4289W 107 48 38.7194
4445.00	0.10	294.54	4293.60	960.53	387.26	-879.18	0.21	2135745.22	2729695.87	N 36 52 9.4289W 107 48 38.7195
4450.00	0.16	294.54	4298.60	960.54	387.26	-879.19	1.08	2135745.22	2729695.86	N 36 52 9.4290W 107 48 38.7196
4455.00	0.11	294.54	4303.60	960.55	387.27	-879.20	0.86	2135745.23	2729695.85	N 36 52 9.4290W 107 48 38.7197
4460.00	0.13	294.54	4308.60	960.56	387.27	-879.21	0.22	2135745.23	2729695.84	N 36 52 9.4290W 107 48 38.7199
4465.00	0.11	294.54	4313.60	960.57	387.27	-879.22	0.22	2135745.24	2729695.83	N 36 52 9.4291W 107 48 38.7200
4470.00	0.18	294.54	4318.60	960.59	387.28	-879.23	1.29	2135745.24	2729695.82	N 36 52 9.4291W 107 48 38.7201
4475.00	0.34	294.54	4323.60	960.61	387.29	-879.25	3.23	2135745.25	2729695.80	N 36 52 9.4292W 107 48 38.7204
4480.00	0.23	294.54	4328.60	960.63	387.30	-879.27	2.15	2135745.26	2729695.78	N 36 52 9.4293W 107 48 38.7206
4485.00	0.30	294.54	4333.60	960.66	387.31	-879.30	1.29	2135745.27	2729695.76	N 36 52 9.4294W 107 48 38.7209
4490.00	0.32	294.54	4338.60	960.68	387.32	-879.32	0.43	2135745.28	2729695.73	N 36 52 9.4295W 107 48 38.7212
4495.00	0.23	294.54	4343.60	960.71	387.33	-879.34	1.72	2135745.29	2729695.71	N 36 52 9.4296W 107 48 38.7215
4500.00	0.18	294.54	4348.60	960.73	387.34	-879.36	1.08	2135745.30	2729695.69	N 36 52 9.4297W 107 48 38.7217
4505.00	0.18	294.54	4353.60	960.74	387.34	-879.37	0.00	2135745.30	2729695.68	N 36 52 9.4298W 107 48 38.7219
4510.00	0.17	294.54	4358.60	960.76	387.35	-879.39	0.21	2135745.31	2729695.67	N 36 52 9.4298W 107 48 38.7220
4515.00	0.16	294.54	4363.60	960.77	387.36	-879.40	0.22	2135745.32	2729695.65	N 36 52 9.4299W 107 48 38.7222
4520.00	0.11	294.54	4368.60	960.78	387.36	-879.41	0.86	2135745.32	2729695.64	N 36 52 9.4300W 107 48 38.7223
4525.00	0.15	294.54	4373.60	960.79	387.37	-879.42	0.65	2135745.33	2729695.63	N 36 52 9.4300W 107 48 38.7224
4530.00	0.17	294.54	4378.60	960.81	387.37	-879.43	0.43	2135745.33	2729695.62	N 36 52 9.4301W 107 48 38.7226
4535.00	0.17	294.54	4383.60	960.82	387.38	-879.45	0.00	2135745.34	2729695.61	N 36 52 9.4301W 107 48 38.7228
4540.00	0.18	294.54	4388.60	960.84	387.38	-879.46	0.21	2135745.34	2729695.59	N 36 52 9.4302W 107 48 38.7229
4545.00	0.18	294.54	4393.60	960.85	387.39	-879.47	0.00	2135745.35	2729695.58	N 36 52 9.4302W 107 48 38.7231
4550.00	0.28	294.54	4398.60	960.87	387.40	-879.49	1.94	2135745.36	2729695.56	N 36 52 9.4303W 107 48 38.7233
4555.00	0.23	294.54	4403.60	960.90	387.41	-879.51	0.86	2135745.37	2729695.54	N 36 52 9.4304W 107 48 38.7236
4560.00	0.41	294.54	4408.60	960.92	387.42	-879.54	3.44	2135745.38	2729695.51	N 36 52 9.4305W 107 48 38.7239
4565.00	0.30	294.54	4413.60	960.95	387.43	-879.57	2.15	2135745.39	2729695.49	N 36 52 9.4307W 107 48 38.7242
4570.00	0.24	294.54	4418.60	960.98	387.44	-879.59	1.08	2135745.40	2729695.46	N 36 52 9.4308W 107 48 38.7245
4575.00	0.23	294.54	4423.60	961.00	387.45	-879.61	0.22	2135745.41	2729695.45	N 36 52 9.4308W 107 48 38.7247
4580.00	0.23	294.54	4428.60	961.02	387.46	-879.62	0.00	2135745.42	2729695.43	N 36 52 9.4309W 107 48 38.7250
4585.00	0.10	294.54	4433.60	961.03	387.47	-879.64	2.58	2135745.43	2729695.41	N 36 52 9.4310W 107 48 38.7251

4590.00	0.11	294.54	4438.60	961.04	387.47	-879.65	0.21	2135745.43	2729695.40	N 36 52 9.4310W	107 48 38.7252
4595.00	0.01	294.54	4443.60	961.05	387.47	-879.65	2.15	2135745.43	2729695.40	N 36 52 9.4310W	107 48 38.7253
4600.00	0.24	294.54	4448.60	961.06	387.48	-879.66	4.74	2135745.44	2729695.39	N 36 52 9.4311W	107 48 38.7254
4605.00	0.09	294.54	4453.60	961.07	387.48	-879.67	3.01	2135745.44	2729695.38	N 36 52 9.4311W	107 48 38.7256
4610.00	0.18	294.54	4458.60	961.09	387.49	-879.69	1.72	2135745.45	2729695.37	N 36 52 9.4312W	107 48 38.7257
4615.00	0.18	294.54	4463.60	961.10	387.49	-879.70	0.00	2135745.45	2729695.35	N 36 52 9.4313W	107 48 38.7259
4620.00	0.01	294.54	4468.60	961.11	387.50	-879.71	3.29	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7260
4625.00	0.01	294.54	4473.60	961.11	387.50	-879.71	0.15	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7260
4630.00	0.02	294.54	4478.60	961.11	387.50	-879.71	0.22	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7260
4635.00	0.01	294.54	4483.60	961.11	387.50	-879.71	0.06	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7260
4640.00	0.03	294.54	4488.60	961.12	387.50	-879.71	0.22	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7260
4645.00	0.03	294.54	4493.60	961.12	387.50	-879.71	0.00	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7261
4650.00	0.01	294.54	4498.60	961.12	387.50	-879.72	0.22	2135745.46	2729695.34	N 36 52 9.4313W	107 48 38.7261
4655.00	0.03	294.54	4503.60	961.12	387.50	-879.72	0.28	2135745.46	2729695.33	N 36 52 9.4313W	107 48 38.7261
4660.00	0.05	294.54	4508.60	961.12	387.50	-879.72	0.43	2135745.46	2729695.33	N 36 52 9.4314W	107 48 38.7261
4665.00	0.06	294.54	4513.60	961.13	387.51	-879.72	0.21	2135745.47	2729695.33	N 36 52 9.4314W	107 48 38.7262
4670.00	0.05	294.54	4518.60	961.13	387.51	-879.73	0.21	2135745.47	2729695.32	N 36 52 9.4314W	107 48 38.7262
4675.00	0.00	294.54	4523.60	961.14	387.51	-879.73	0.92	2135745.47	2729695.32	N 36 52 9.4314W	107 48 38.7263
4680.00	0.01	294.54	4528.60	961.14	387.51	-879.73	0.22	2135745.47	2729695.32	N 36 52 9.4314W	107 48 38.7263
4685.00	0.03	294.54	4533.60	961.14	387.51	-879.73	0.28	2135745.47	2729695.32	N 36 52 9.4314W	107 48 38.7263
4690.00	0.08	294.54	4538.60	961.14	387.51	-879.74	1.08	2135745.47	2729695.31	N 36 52 9.4314W	107 48 38.7264
4695.00	0.13	294.54	4543.60	961.15	387.52	-879.75	0.86	2135745.48	2729695.30	N 36 52 9.4315W	107 48 38.7265
4700.00	0.17	294.54	4548.60	961.17	387.52	-879.76	0.86	2135745.48	2729695.29	N 36 52 9.4315W	107 48 38.7266
4705.00	0.06	294.54	4553.60	961.18	387.52	-879.77	2.15	2135745.49	2729695.28	N 36 52 9.4316W	107 48 38.7267
4710.00	0.05	294.54	4558.60	961.18	387.53	-879.77	0.21	2135745.49	2729695.28	N 36 52 9.4316W	107 48 38.7268
4715.00	0.08	294.54	4563.60	961.19	387.53	-879.78	0.65	2135745.49	2729695.27	N 36 52 9.4316W	107 48 38.7268
4720.00	0.02	294.54	4568.60	961.19	387.53	-879.78	1.29	2135745.49	2729695.27	N 36 52 9.4316W	107 48 38.7269
4725.00	0.05	294.54	4573.60	961.19	387.53	-879.78	0.65	2135745.49	2729695.27	N 36 52 9.4316W	107 48 38.7269
4730.00	0.07	294.54	4578.60	961.20	387.53	-879.79	0.37	2135745.49	2729695.26	N 36 52 9.4317W	107 48 38.7270
4735.00	0.09	294.54	4583.60	961.21	387.54	-879.79	0.49	2135745.50	2729695.26	N 36 52 9.4317W	107 48 38.7271
4740.00	0.04	294.54	4588.60	961.21	387.54	-879.80	1.14	2135745.50	2729695.25	N 36 52 9.4317W	107 48 38.7271
4745.00	0.09	294.54	4593.60	961.22	387.54	-879.80	1.08	2135745.50	2729695.25	N 36 52 9.4317W	107 48 38.7272
4750.00	0.03	294.54	4598.60	961.22	387.54	-879.81	1.29	2135745.50	2729695.24	N 36 52 9.4318W	107 48 38.7272
4755.00	0.05	294.54	4603.60	961.23	387.55	-879.81	0.49	2135745.51	2729695.24	N 36 52 9.4318W	107 48 38.7273
4760.00	0.01	294.54	4608.60	961.23	387.55	-879.81	0.71	2135745.51	2729695.24	N 36 52 9.4318W	107 48 38.7273
4765.00	0.05	294.54	4613.60	961.23	387.55	-879.82	0.71	2135745.51	2729695.23	N 36 52 9.4318W	107 48 38.7273
4770.00	0.05	294.54	4618.60	961.24	387.55	-879.82	0.00	2135745.51	2729695.23	N 36 52 9.4318W	107 48 38.7274

4775.00	0.09	294.54	4623.60	961.24	387.55	-879.83	0.86	2135745.51	2729695.22	N 36 52 9.4318W 107 48 38.7275
4780.00	0.23	294.54	4628.60	961.26	387.56	-879.84	2.80	2135745.52	2729695.21	N 36 52 9.4319W 107 48 38.7276
4785.00	0.23	294.54	4633.60	961.28	387.57	-879.86	0.00	2135745.53	2729695.19	N 36 52 9.4320W 107 48 38.7278
4790.00	0.21	294.54	4638.60	961.30	387.57	-879.88	0.43	2135745.53	2729695.18	N 36 52 9.4321W 107 48 38.7281
4795.00	0.20	294.54	4643.60	961.31	387.58	-879.89	0.22	2135745.54	2729695.16	N 36 52 9.4321W 107 48 38.7283
4800.00	0.07	294.54	4648.60	961.33	387.59	-879.90	2.58	2135745.55	2729695.15	N 36 52 9.4322W 107 48 38.7284
4805.00	0.04	294.54	4653.60	961.33	387.59	-879.91	0.65	2135745.55	2729695.14	N 36 52 9.4322W 107 48 38.7284
4810.00	0.14	294.54	4658.60	961.34	387.59	-879.91	1.94	2135745.55	2729695.14	N 36 52 9.4322W 107 48 38.7285
4815.00	0.02	294.54	4663.60	961.34	387.59	-879.92	2.37	2135745.56	2729695.13	N 36 52 9.4323W 107 48 38.7286
4820.00	0.00	294.54	4668.60	961.35	387.60	-879.92	0.28	2135745.56	2729695.13	N 36 52 9.4323W 107 48 38.7286
4825.00	0.07	294.54	4673.60	961.35	387.60	-879.92	1.29	2135745.56	2729695.13	N 36 52 9.4323W 107 48 38.7287
4830.00	0.15	294.54	4678.60	961.36	387.60	-879.93	1.57	2135745.56	2729695.12	N 36 52 9.4323W 107 48 38.7288
4835.00	0.07	294.54	4683.60	961.37	387.60	-879.94	1.57	2135745.56	2729695.11	N 36 52 9.4324W 107 48 38.7289
4840.00	0.06	294.54	4688.60	961.37	387.61	-879.95	0.15	2135745.57	2729695.10	N 36 52 9.4324W 107 48 38.7289
4845.00	0.09	294.54	4693.60	961.38	387.61	-879.95	0.58	2135745.57	2729695.10	N 36 52 9.4324W 107 48 38.7290
4850.00	0.07	294.54	4698.60	961.39	387.61	-879.96	0.43	2135745.57	2729695.09	N 36 52 9.4324W 107 48 38.7291
4855.00	0.04	294.54	4703.60	961.39	387.61	-879.96	0.65	2135745.57	2729695.09	N 36 52 9.4324W 107 48 38.7291
4860.00	0.11	294.54	4708.60	961.40	387.62	-879.97	1.51	2135745.58	2729695.08	N 36 52 9.4325W 107 48 38.7292
4865.00	0.00	294.54	4713.60	961.40	387.62	-879.97	2.15	2135745.58	2729695.08	N 36 52 9.4325W 107 48 38.7293
4870.00	0.13	294.54	4718.60	961.41	387.62	-879.98	2.43	2135745.58	2729695.07	N 36 52 9.4325W 107 48 38.7293
4875.00	0.16	294.54	4723.60	961.42	387.63	-879.99	0.65	2135745.59	2729695.06	N 36 52 9.4326W 107 48 38.7295
4880.00	0.19	294.54	4728.60	961.44	387.63	-880.00	0.65	2135745.59	2729695.05	N 36 52 9.4326W 107 48 38.7296
4885.00	0.23	294.54	4733.60	961.45	387.64	-880.02	0.86	2135745.60	2729695.03	N 36 52 9.4327W 107 48 38.7298
4890.00	0.19	294.54	4738.60	961.47	387.65	-880.04	0.86	2135745.61	2729695.01	N 36 52 9.4328W 107 48 38.7300
4895.00	0.23	294.54	4743.60	961.49	387.66	-880.05	0.86	2135745.62	2729695.00	N 36 52 9.4329W 107 48 38.7302
4900.00	0.23	294.54	4748.60	961.51	387.66	-880.07	0.00	2135745.62	2729694.98	N 36 52 9.4329W 107 48 38.7305
4905.00	0.14	294.54	4753.60	961.53	387.67	-880.09	1.94	2135745.63	2729694.96	N 36 52 9.4330W 107 48 38.7307
4910.00	0.22	294.54	4758.60	961.54	387.68	-880.10	1.66	2135745.64	2729694.95	N 36 52 9.4331W 107 48 38.7308
4915.00	0.21	294.54	4763.60	961.56	387.69	-880.12	0.22	2135745.65	2729694.93	N 36 52 9.4331W 107 48 38.7310
4920.00	0.07	294.54	4768.60	961.57	387.69	-880.13	2.80	2135745.65	2729694.92	N 36 52 9.4332W 107 48 38.7312
4925.00	0.07	294.54	4773.60	961.58	387.69	-880.13	0.00	2135745.65	2729694.92	N 36 52 9.4332W 107 48 38.7312
4930.00	0.07	294.54	4778.60	961.59	387.69	-880.14	0.00	2135745.66	2729694.91	N 36 52 9.4332W 107 48 38.7313
4935.00	0.00	294.54	4783.60	961.59	387.70	-880.14	1.29	2135745.66	2729694.91	N 36 52 9.4333W 107 48 38.7313
4940.00	0.06	294.54	4788.60	961.59	387.70	-880.15	1.08	2135745.66	2729694.91	N 36 52 9.4333W 107 48 38.7314
4945.00	0.09	294.54	4793.60	961.60	387.70	-880.15	0.71	2135745.66	2729694.90	N 36 52 9.4333W 107 48 38.7314
4950.00	0.49	294.54	4798.60	961.62	387.71	-880.17	7.96	2135745.67	2729694.88	N 36 52 9.4334W 107 48 38.7317
4955.00	0.29	294.54	4803.60	961.66	387.72	-880.21	4.09	2135745.68	2729694.85	N 36 52 9.4335W 107 48 38.7321
4960.00	0.22	294.54	4808.60	961.68	387.73	-880.23	1.29	2135745.69	2729694.83	N 36 52 9.4336W 107 48 38.7324

4965.00	0.17	294.54	4813.60	961.70	387.74	-880.24	1.08	2135745.70	2729694.81	N 36 52 9.4337 W 107 48 38.7325
4970.00	0.19	294.54	4818.60	961.71	387.75	-880.26	0.43	2135745.71	2729694.80	N 36 52 9.4338 W 107 48 38.7327
4975.00	0.17	294.54	4823.60	961.73	387.75	-880.27	0.43	2135745.71	2729694.78	N 36 52 9.4338 W 107 48 38.7329
4980.00	0.18	294.54	4828.60	961.74	387.76	-880.28	0.21	2135745.72	2729694.77	N 36 52 9.4339 W 107 48 38.7331
4985.00	0.19	294.54	4833.60	961.76	387.77	-880.30	0.22	2135745.73	2729694.75	N 36 52 9.4340 W 107 48 38.7332
4990.00	0.15	294.54	4838.60	961.77	387.77	-880.31	0.86	2135745.73	2729694.74	N 36 52 9.4340 W 107 48 38.7334
4995.00	0.14	294.54	4843.60	961.79	387.78	-880.32	0.21	2135745.74	2729694.73	N 36 52 9.4341 W 107 48 38.7336
5000.00	0.05	294.54	4848.60	961.79	387.78	-880.33	1.72	2135745.74	2729694.72	N 36 52 9.4341 W 107 48 38.7336
5005.00	0.14	294.54	4853.60	961.80	387.79	-880.34	1.72	2135745.75	2729694.71	N 36 52 9.4341 W 107 48 38.7337
5010.00	0.08	294.54	4858.60	961.81	387.79	-880.35	1.08	2135745.75	2729694.71	N 36 52 9.4342 W 107 48 38.7338
5015.00	0.17	294.54	4863.60	961.82	387.79	-880.36	1.72	2135745.75	2729694.70	N 36 52 9.4342 W 107 48 38.7340
5020.00	0.17	294.54	4868.60	961.84	387.80	-880.37	0.00	2135745.76	2729694.68	N 36 52 9.4343 W 107 48 38.7341
5025.00	0.21	294.54	4873.60	961.85	387.81	-880.38	0.86	2135745.77	2729694.67	N 36 52 9.4343 W 107 48 38.7343
5030.00	0.08	294.54	4878.60	961.87	387.81	-880.40	2.58	2135745.77	2729694.66	N 36 52 9.4344 W 107 48 38.7345
5035.00	0.13	294.54	4883.60	961.88	387.82	-880.40	0.86	2135745.78	2729694.65	N 36 52 9.4344 W 107 48 38.7346
5040.00	0.15	294.54	4888.60	961.89	387.82	-880.42	0.43	2135745.78	2729694.64	N 36 52 9.4345 W 107 48 38.7347
5045.00	0.20	294.54	4893.60	961.90	387.83	-880.43	1.08	2135745.79	2729694.62	N 36 52 9.4346 W 107 48 38.7349
5050.00	0.04	294.54	4898.60	961.91	387.83	-880.44	3.23	2135745.79	2729694.61	N 36 52 9.4346 W 107 48 38.7350
5055.00	0.10	294.54	4903.60	961.92	387.83	-880.44	1.29	2135745.79	2729694.61	N 36 52 9.4346 W 107 48 38.7350
5060.00	0.10	294.54	4908.60	961.93	387.84	-880.45	0.00	2135745.80	2729694.60	N 36 52 9.4347 W 107 48 38.7351
5065.00	0.10	294.54	4913.60	961.94	387.84	-880.46	0.00	2135745.80	2729694.59	N 36 52 9.4347 W 107 48 38.7352
5070.00	0.04	294.54	4918.60	961.94	387.84	-880.47	1.29	2135745.80	2729694.58	N 36 52 9.4347 W 107 48 38.7353
5075.00	0.03	294.54	4923.60	961.95	387.85	-880.47	0.28	2135745.81	2729694.58	N 36 52 9.4347 W 107 48 38.7353
5080.00	0.01	294.54	4928.60	961.95	387.85	-880.47	0.22	2135745.81	2729694.58	N 36 52 9.4347 W 107 48 38.7354
5085.00	0.01	294.54	4933.60	961.95	387.85	-880.47	0.15	2135745.81	2729694.58	N 36 52 9.4347 W 107 48 38.7354
5090.00	0.01	294.54	4938.60	961.95	387.85	-880.47	0.00	2135745.81	2729694.58	N 36 52 9.4347 W 107 48 38.7354
5095.00	0.13	294.54	4943.60	961.96	387.85	-880.48	2.37	2135745.81	2729694.57	N 36 52 9.4348 W 107 48 38.7355
5100.00	0.09	294.54	4948.60	961.97	387.85	-880.49	0.65	2135745.81	2729694.57	N 36 52 9.4348 W 107 48 38.7356
5105.00	0.08	294.54	4953.60	961.97	387.86	-880.49	0.21	2135745.82	2729694.56	N 36 52 9.4348 W 107 48 38.7356
5110.00	0.10	294.54	4958.60	961.98	387.86	-880.50	0.43	2135745.82	2729694.55	N 36 52 9.4349 W 107 48 38.7357
5115.00	0.00	294.54	4963.60	961.99	387.86	-880.50	2.00	2135745.82	2729694.55	N 36 52 9.4349 W 107 48 38.7358
5120.00	0.00	294.54	4968.60	961.99	387.86	-880.50	0.00	2135745.82	2729694.55	N 36 52 9.4349 W 107 48 38.7358
5125.00	0.05	294.54	4973.60	961.99	387.86	-880.51	0.86	2135745.82	2729694.54	N 36 52 9.4349 W 107 48 38.7358
5130.00	0.07	294.54	4978.60	961.99	387.86	-880.51	0.43	2135745.83	2729694.54	N 36 52 9.4349 W 107 48 38.7359
5135.00	0.23	294.54	4983.60	962.01	387.87	-880.52	3.29	2135745.83	2729694.53	N 36 52 9.4350 W 107 48 38.7360
5140.00	0.02	294.54	4988.60	962.02	387.87	-880.53	4.30	2135745.83	2729694.52	N 36 52 9.4350 W 107 48 38.7361
5145.00	0.09	294.54	4993.60	962.02	387.88	-880.54	1.44	2135745.84	2729694.51	N 36 52 9.4350 W 107 48 38.7362

5150.00	0.05	294.54	4998.60	962.03	387.88	-880.54	0.80	2135745.84	2729694.51	N 36 52 9.4351 W 107 48 38.7363
5155.00	0.05	294.54	5003.60	962.03	387.88	-880.55	0.00	2135745.84	2729694.50	N 36 52 9.4351 W 107 48 38.7363
5160.00	0.06	294.54	5008.60	962.04	387.88	-880.55	0.15	2135745.84	2729694.50	N 36 52 9.4351 W 107 48 38.7364
5165.00	0.07	294.54	5013.60	962.04	387.88	-880.56	0.22	2135745.85	2729694.49	N 36 52 9.4351 W 107 48 38.7364
5170.00	0.01	294.54	5018.60	962.05	387.89	-880.56	1.23	2135745.85	2729694.49	N 36 52 9.4351 W 107 48 38.7365
5175.00	0.01	294.54	5023.60	962.05	387.89	-880.56	0.00	2135745.85	2729694.49	N 36 52 9.4351 W 107 48 38.7365
5180.00	0.15	294.54	5028.60	962.05	387.89	-880.57	2.80	2135745.85	2729694.49	N 36 52 9.4352 W 107 48 38.7365
5185.00	0.05	294.54	5033.60	962.06	387.89	-880.57	2.00	2135745.85	2729694.48	N 36 52 9.4352 W 107 48 38.7366
5190.00	0.11	294.54	5038.60	962.07	387.90	-880.58	1.35	2135745.86	2729694.47	N 36 52 9.4352 W 107 48 38.7367
5195.00	0.01	294.54	5043.60	962.07	387.90	-880.58	2.15	2135745.86	2729694.47	N 36 52 9.4353 W 107 48 38.7368
5200.00	0.13	294.54	5048.60	962.08	387.90	-880.59	2.37	2135745.86	2729694.46	N 36 52 9.4353 W 107 48 38.7368
5205.00	0.01	294.54	5053.60	962.09	387.90	-880.60	2.37	2135745.86	2729694.46	N 36 52 9.4353 W 107 48 38.7369
5210.00	0.06	294.54	5058.60	962.09	387.90	-880.60	1.08	2135745.86	2729694.45	N 36 52 9.4353 W 107 48 38.7369
5215.00	0.15	294.54	5063.60	962.10	387.91	-880.61	1.72	2135745.87	2729694.45	N 36 52 9.4354 W 107 48 38.7370
5220.00	0.10	294.54	5068.60	962.11	387.91	-880.62	0.86	2135745.87	2729694.44	N 36 52 9.4354 W 107 48 38.7372
5225.00	0.09	294.54	5073.60	962.12	387.92	-880.62	0.22	2135745.88	2729694.43	N 36 52 9.4354 W 107 48 38.7373
5230.00	0.11	294.54	5078.60	962.13	387.92	-880.63	0.43	2135745.88	2729694.42	N 36 52 9.4355 W 107 48 38.7374
5235.00	0.04	294.54	5083.60	962.13	387.92	-880.64	1.51	2135745.88	2729694.41	N 36 52 9.4355 W 107 48 38.7374
5240.00	0.05	294.54	5088.60	962.14	387.92	-880.64	0.22	2135745.88	2729694.41	N 36 52 9.4355 W 107 48 38.7375
5245.00	0.01	294.54	5093.60	962.14	387.93	-880.64	0.86	2135745.89	2729694.41	N 36 52 9.4355 W 107 48 38.7375
5250.00	0.13	294.54	5098.60	962.15	387.93	-880.65	2.37	2135745.89	2729694.40	N 36 52 9.4355 W 107 48 38.7376
5255.00	0.08	294.54	5103.60	962.15	387.93	-880.66	0.86	2135745.89	2729694.39	N 36 52 9.4356 W 107 48 38.7377
5260.00	0.06	294.54	5108.60	962.16	387.93	-880.66	0.43	2135745.89	2729694.39	N 36 52 9.4356 W 107 48 38.7377
5265.00	0.13	294.54	5113.60	962.17	387.94	-880.67	1.29	2135745.90	2729694.38	N 36 52 9.4356 W 107 48 38.7378
5270.00	0.23	294.54	5118.60	962.18	387.94	-880.68	2.15	2135745.90	2729694.37	N 36 52 9.4357 W 107 48 38.7380
5275.00	0.06	294.54	5123.60	962.20	387.95	-880.70	3.44	2135745.91	2729694.35	N 36 52 9.4358 W 107 48 38.7382
5280.00	0.06	294.54	5128.60	962.20	387.95	-880.70	0.00	2135745.91	2729694.35	N 36 52 9.4358 W 107 48 38.7382
5285.00	0.24	294.54	5133.60	962.22	387.96	-880.71	3.66	2135745.92	2729694.34	N 36 52 9.4358 W 107 48 38.7384
5290.00	0.28	294.54	5138.60	962.24	387.97	-880.73	0.65	2135745.93	2729694.32	N 36 52 9.4359 W 107 48 38.7386
5295.00	0.17	294.54	5143.60	962.26	387.97	-880.75	2.15	2135745.93	2729694.30	N 36 52 9.4360 W 107 48 38.7388
5300.00	0.14	294.54	5148.60	962.27	387.98	-880.76	0.65	2135745.94	2729694.29	N 36 52 9.4361 W 107 48 38.7390
5305.00	0.04	294.54	5153.60	962.28	387.98	-880.77	1.94	2135745.94	2729694.28	N 36 52 9.4361 W 107 48 38.7391
5310.00	0.08	294.54	5158.60	962.28	387.99	-880.78	0.86	2135745.95	2729694.28	N 36 52 9.4361 W 107 48 38.7391
5315.00	0.17	294.54	5163.60	962.30	387.99	-880.79	1.72	2135745.95	2729694.27	N 36 52 9.4362 W 107 48 38.7392
5320.00	0.23	294.54	5168.60	962.31	388.00	-880.80	1.29	2135745.96	2729694.25	N 36 52 9.4362 W 107 48 38.7394
5325.00	0.23	294.54	5173.60	962.33	388.01	-880.82	0.00	2135745.97	2729694.23	N 36 52 9.4363 W 107 48 38.7397
5330.00	0.11	294.54	5178.60	962.35	388.01	-880.83	2.37	2135745.97	2729694.22	N 36 52 9.4364 W 107 48 38.7398
5335.00	0.23	294.54	5183.60	962.36	388.02	-880.85	2.37	2135745.98	2729694.20	N 36 52 9.4364 W 107 48 38.7400

5340.00	0.11	294.54	5188.60	962.38	388.02	-880.86	2.37	2135745.98	2729694.19	N 36 52 9.4365W 107 48 38.7402
5345.00	0.02	294.54	5193.60	962.38	388.03	-880.87	1.94	2135745.99	2729694.18	N 36 52 9.4365W 107 48 38.7402
5350.00	0.13	294.54	5198.60	962.39	388.03	-880.87	2.15	2135745.99	2729694.18	N 36 52 9.4366W 107 48 38.7403
5355.00	0.20	294.54	5203.60	962.40	388.04	-880.89	1.51	2135746.00	2729694.17	N 36 52 9.4366W 107 48 38.7405
5360.00	0.19	294.54	5208.60	962.42	388.04	-880.90	0.21	2135746.00	2729694.15	N 36 52 9.4367W 107 48 38.7407
5365.00	0.23	294.54	5213.60	962.44	388.05	-880.92	0.86	2135746.01	2729694.13	N 36 52 9.4368W 107 48 38.7409
5370.00	0.24	294.54	5218.60	962.46	388.06	-880.94	0.22	2135746.02	2729694.11	N 36 52 9.4368W 107 48 38.7411
5375.00	0.23	294.54	5223.60	962.48	388.07	-880.96	0.22	2135746.03	2729694.10	N 36 52 9.4369W 107 48 38.7413
5380.00	0.24	294.54	5228.60	962.50	388.08	-880.97	0.22	2135746.04	2729694.08	N 36 52 9.4370W 107 48 38.7416
5385.00	0.07	294.54	5233.60	962.52	388.08	-880.99	3.44	2135746.04	2729694.06	N 36 52 9.4371W 107 48 38.7417
5390.00	0.13	294.54	5238.60	962.52	388.09	-880.99	1.08	2135746.04	2729694.06	N 36 52 9.4371W 107 48 38.7418
5395.00	0.23	294.54	5243.60	962.54	388.09	-881.01	2.15	2135746.05	2729694.04	N 36 52 9.4372W 107 48 38.7420
5400.00	0.33	294.54	5248.60	962.56	388.10	-881.03	1.94	2135746.06	2729694.02	N 36 52 9.4373W 107 48 38.7423
5405.00	0.24	294.54	5253.60	962.59	388.11	-881.05	1.72	2135746.07	2729694.00	N 36 52 9.4374W 107 48 38.7425
5410.00	0.28	294.54	5258.60	962.61	388.12	-881.07	0.65	2135746.08	2729693.98	N 36 52 9.4375W 107 48 38.7428
5415.00	0.29	294.54	5263.60	962.64	388.13	-881.10	0.21	2135746.09	2729693.95	N 36 52 9.4376W 107 48 38.7431
5420.00	0.37	294.54	5268.60	962.67	388.14	-881.12	1.72	2135746.10	2729693.93	N 36 52 9.4377W 107 48 38.7434
5425.00	0.24	294.54	5273.60	962.69	388.15	-881.15	2.58	2135746.11	2729693.90	N 36 52 9.4378W 107 48 38.7437
5430.00	0.20	294.54	5278.60	962.71	388.16	-881.17	0.86	2135746.12	2729693.89	N 36 52 9.4379W 107 48 38.7439
5435.00	0.24	294.54	5283.60	962.73	388.17	-881.18	0.86	2135746.13	2729693.87	N 36 52 9.4380W 107 48 38.7441
5440.00	0.33	294.54	5288.60	962.76	388.18	-881.21	1.72	2135746.14	2729693.85	N 36 52 9.4381W 107 48 38.7444
5445.00	0.23	294.54	5293.60	962.78	388.19	-881.23	1.94	2135746.15	2729693.82	N 36 52 9.4382W 107 48 38.7447
5450.00	0.24	294.54	5298.60	962.80	388.20	-881.25	0.22	2135746.16	2729693.80	N 36 52 9.4382W 107 48 38.7449
5455.00	0.24	294.54	5303.60	962.82	388.21	-881.27	0.00	2135746.17	2729693.79	N 36 52 9.4383W 107 48 38.7452
5460.00	0.23	294.54	5308.60	962.84	388.22	-881.28	0.22	2135746.18	2729693.77	N 36 52 9.4384W 107 48 38.7454
5465.00	0.23	294.54	5313.60	962.86	388.23	-881.30	0.00	2135746.19	2729693.75	N 36 52 9.4385W 107 48 38.7456
5470.00	0.17	294.54	5318.60	962.88	388.23	-881.32	1.29	2135746.19	2729693.73	N 36 52 9.4386W 107 48 38.7458
5475.00	0.24	294.54	5323.60	962.90	388.24	-881.34	1.51	2135746.20	2729693.72	N 36 52 9.4386W 107 48 38.7460
5480.00	0.31	294.54	5328.60	962.92	388.25	-881.36	1.29	2135746.21	2729693.69	N 36 52 9.4387W 107 48 38.7463
5485.00	0.28	294.54	5333.60	962.95	388.26	-881.38	0.65	2135746.22	2729693.67	N 36 52 9.4388W 107 48 38.7466
5490.00	0.30	294.54	5338.60	962.97	388.27	-881.40	0.43	2135746.23	2729693.65	N 36 52 9.4389W 107 48 38.7469
5495.00	0.31	294.54	5343.60	963.00	388.28	-881.43	0.22	2135746.24	2729693.62	N 36 52 9.4391W 107 48 38.7471
5500.00	0.30	294.54	5348.60	963.03	388.29	-881.45	0.22	2135746.25	2729693.60	N 36 52 9.4392W 107 48 38.7474
5505.00	0.31	294.54	5353.60	963.05	388.30	-881.48	0.22	2135746.26	2729693.58	N 36 52 9.4393W 107 48 38.7477
5510.00	0.19	294.54	5358.60	963.08	388.31	-881.50	2.37	2135746.27	2729693.56	N 36 52 9.4394W 107 48 38.7480
5515.00	0.06	294.54	5363.60	963.09	388.32	-881.51	2.58	2135746.28	2729693.55	N 36 52 9.4394W 107 48 38.7481
5520.00	0.06	294.54	5368.60	963.09	388.32	-881.51	0.00	2135746.28	2729693.54	N 36 52 9.4394W 107 48 38.7482

5525.00	0.15	294.54	5373.60	963.10	388.32	-881.52	1.72	2135746.28	2729693.53	N 36 52 9.4395W 107 48 38.7483
5530.00	0.02	294.54	5378.60	963.11	388.33	-881.53	2.58	2135746.29	2729693.53	N 36 52 9.4395W 107 48 38.7483
5535.00	0.05	294.54	5383.60	963.11	388.33	-881.53	0.65	2135746.29	2729693.52	N 36 52 9.4395W 107 48 38.7484
5540.00	0.06	294.54	5388.60	963.12	388.33	-881.53	0.15	2135746.29	2729693.52	N 36 52 9.4395W 107 48 38.7484
5545.00	0.24	294.54	5393.60	963.13	388.34	-881.54	3.72	2135746.30	2729693.51	N 36 52 9.4396W 107 48 38.7486
5550.00	0.04	294.54	5398.60	963.14	388.34	-881.56	4.09	2135746.30	2729693.50	N 36 52 9.4396W 107 48 38.7487
5555.00	0.15	294.54	5403.60	963.15	388.34	-881.56	2.15	2135746.30	2729693.49	N 36 52 9.4397W 107 48 38.7488
5560.00	0.13	294.54	5408.60	963.16	388.35	-881.57	0.43	2135746.31	2729693.48	N 36 52 9.4397W 107 48 38.7489
5565.00	0.16	294.54	5413.60	963.17	388.35	-881.58	0.65	2135746.31	2729693.47	N 36 52 9.4398W 107 48 38.7491
5570.00	0.13	294.54	5418.60	963.19	388.36	-881.60	0.65	2135746.32	2729693.46	N 36 52 9.4398W 107 48 38.7492
5575.00	0.13	294.54	5423.60	963.20	388.36	-881.61	0.00	2135746.32	2729693.45	N 36 52 9.4399W 107 48 38.7493
5580.00	0.13	294.54	5428.60	963.21	388.37	-881.62	0.00	2135746.33	2729693.44	N 36 52 9.4399W 107 48 38.7495
5585.00	0.05	294.54	5433.60	963.21	388.37	-881.62	1.51	2135746.33	2729693.43	N 36 52 9.4399W 107 48 38.7495
5590.00	0.10	294.54	5438.60	963.22	388.37	-881.63	1.08	2135746.33	2729693.42	N 36 52 9.4400W 107 48 38.7496
5595.00	0.00	294.54	5443.60	963.23	388.38	-881.63	2.00	2135746.34	2729693.42	N 36 52 9.4400W 107 48 38.7497
5600.00	0.00	294.54	5448.60	963.23	388.38	-881.63	0.00	2135746.34	2729693.42	N 36 52 9.4400W 107 48 38.7497
5605.00	0.07	294.54	5453.60	963.23	388.38	-881.64	1.29	2135746.34	2729693.41	N 36 52 9.4400W 107 48 38.7497
5610.00	0.00	294.54	5458.60	963.23	388.38	-881.64	1.29	2135746.34	2729693.41	N 36 52 9.4400W 107 48 38.7498
5615.00	0.06	294.54	5463.60	963.24	388.38	-881.64	1.08	2135746.34	2729693.41	N 36 52 9.4400W 107 48 38.7498
5620.00	0.05	294.54	5468.60	963.24	388.38	-881.65	0.15	2135746.34	2729693.41	N 36 52 9.4400W 107 48 38.7498
5625.00	0.05	294.54	5473.60	963.24	388.38	-881.65	0.00	2135746.34	2729693.40	N 36 52 9.4401W 107 48 38.7499
5630.00	0.19	294.54	5478.60	963.26	388.39	-881.66	2.80	2135746.35	2729693.39	N 36 52 9.4401W 107 48 38.7500
5635.00	0.22	294.54	5483.60	963.27	388.40	-881.68	0.65	2135746.36	2729693.38	N 36 52 9.4402W 107 48 38.7502
5640.00	0.19	294.54	5488.60	963.29	388.40	-881.69	0.65	2135746.36	2729693.36	N 36 52 9.4403W 107 48 38.7504
5645.00	0.17	294.54	5493.60	963.31	388.41	-881.71	0.43	2135746.37	2729693.34	N 36 52 9.4403W 107 48 38.7506
5650.00	0.13	294.54	5498.60	963.32	388.42	-881.72	0.86	2135746.38	2729693.33	N 36 52 9.4404W 107 48 38.7507
5660.00	0.05	294.54	5508.60	963.33	388.42	-881.73	0.75	2135746.38	2729693.32	N 36 52 9.4404W 107 48 38.7509
5665.00	0.03	294.54	5513.60	963.34	388.42	-881.73	0.43	2135746.38	2729693.32	N 36 52 9.4404W 107 48 38.7509
5670.00	0.03	294.54	5518.60	963.34	388.42	-881.74	0.00	2135746.38	2729693.31	N 36 52 9.4405W 107 48 38.7510
5675.00	0.02	294.54	5523.60	963.34	388.43	-881.74	0.22	2135746.38	2729693.31	N 36 52 9.4405W 107 48 38.7510
5680.00	0.04	294.54	5528.60	963.35	388.43	-881.74	0.43	2135746.39	2729693.31	N 36 52 9.4405W 107 48 38.7510
5685.00	0.14	294.54	5533.60	963.35	388.43	-881.75	1.94	2135746.39	2729693.30	N 36 52 9.4405W 107 48 38.7511
5690.00	0.13	294.54	5538.60	963.36	388.43	-881.76	0.22	2135746.39	2729693.29	N 36 52 9.4406W 107 48 38.7512
5695.00	0.02	294.54	5543.60	963.37	388.44	-881.76	2.15	2135746.40	2729693.29	N 36 52 9.4406W 107 48 38.7513
5700.00	0.05	294.54	5548.60	963.37	388.44	-881.77	0.65	2135746.40	2729693.28	N 36 52 9.4406W 107 48 38.7513
5705.00	0.06	294.54	5553.60	963.38	388.44	-881.77	0.21	2135746.40	2729693.28	N 36 52 9.4406W 107 48 38.7514
5710.00	0.00	294.54	5558.60	963.38	388.44	-881.77	1.14	2135746.40	2729693.28	N 36 52 9.4406W 107 48 38.7514
5715.00	0.05	294.54	5563.60	963.38	388.44	-881.78	0.92	2135746.40	2729693.28	N 36 52 9.4406W 107 48 38.7514

5720.00	0.04	294.54	5568.60	963.39	388.44	-881.78	0.22	2135746.40	2729693.27	N 36 52 9.4406W	107 48 38.7515
5725.00	0.17	294.54	5573.60	963.40	388.45	-881.79	2.52	2135746.41	2729693.26	N 36 52 9.4407W	107 48 38.7516
5730.00	0.03	294.54	5578.60	963.40	388.45	-881.80	2.80	2135746.41	2729693.26	N 36 52 9.4407W	107 48 38.7517
5735.00	0.05	294.54	5583.60	963.41	388.45	-881.80	0.43	2135746.41	2729693.25	N 36 52 9.4407W	107 48 38.7517
5740.00	0.06	294.54	5588.60	963.41	388.45	-881.80	0.21	2135746.41	2729693.25	N 36 52 9.4407W	107 48 38.7518
5745.00	0.00	294.54	5593.60	963.41	388.46	-881.80	1.08	2135746.41	2729693.25	N 36 52 9.4408W	107 48 38.7518
5750.00	0.00	294.54	5598.60	963.42	388.46	-881.81	0.00	2135746.41	2729693.25	N 36 52 9.4408W	107 48 38.7518
5755.00	0.03	294.54	5603.60	963.42	388.46	-881.81	0.49	2135746.42	2729693.24	N 36 52 9.4408W	107 48 38.7518
5760.00	0.05	294.54	5608.60	963.42	388.46	-881.81	0.43	2135746.42	2729693.24	N 36 52 9.4408W	107 48 38.7518
5765.00	0.00	294.54	5613.60	963.42	388.46	-881.81	0.92	2135746.42	2729693.24	N 36 52 9.4408W	107 48 38.7519
5770.00	0.07	294.54	5618.60	963.43	388.46	-881.81	1.29	2135746.42	2729693.24	N 36 52 9.4408W	107 48 38.7519
5775.00	0.00	294.54	5623.60	963.43	388.46	-881.82	1.29	2135746.42	2729693.23	N 36 52 9.4408W	107 48 38.7519
5780.00	0.04	294.54	5628.60	963.43	388.46	-881.82	0.71	2135746.42	2729693.23	N 36 52 9.4408W	107 48 38.7520
5785.00	0.00	294.54	5633.60	963.43	388.46	-881.82	0.71	2135746.42	2729693.23	N 36 52 9.4408W	107 48 38.7520
5790.00	0.00	294.54	5638.60	963.43	388.46	-881.82	0.00	2135746.42	2729693.23	N 36 52 9.4408W	107 48 38.7520
5795.00	0.00	294.54	5643.60	963.43	388.46	-881.82	0.00	2135746.42	2729693.23	N 36 52 9.4408W	107 48 38.7520
5800.00	0.10	294.54	5648.60	963.44	388.46	-881.83	1.94	2135746.42	2729693.23	N 36 52 9.4409W	107 48 38.7520
5801.00	0.12	294.54	5649.60	963.44	388.47	-881.83	2.15	2135746.42	2729693.22	N 36 52 9.4409W	107 48 38.7521
5802.00	0.17	294.54	5650.60	963.44	388.47	-881.83	4.31	2135746.43	2729693.22	N 36 52 9.4409W	107 48 38.7521
5803.00	0.14	294.54	5651.60	963.44	388.47	-881.83	2.16	2135746.43	2729693.22	N 36 52 9.4409W	107 48 38.7521
5804.00	0.18	294.54	5652.60	963.45	388.47	-881.83	3.23	2135746.43	2729693.22	N 36 52 9.4409W	107 48 38.7522
5805.00	0.15	294.54	5653.60	963.45	388.47	-881.84	2.15	2135746.43	2729693.21	N 36 52 9.4409W	107 48 38.7522
5806.00	0.19	294.54	5654.60	963.45	388.47	-881.84	3.23	2135746.43	2729693.21	N 36 52 9.4409W	107 48 38.7522
5807.00	0.15	294.54	5655.60	963.46	388.47	-881.84	3.23	2135746.43	2729693.21	N 36 52 9.4409W	107 48 38.7523
5808.00	0.19	294.54	5656.60	963.46	388.47	-881.85	3.23	2135746.43	2729693.21	N 36 52 9.4409W	107 48 38.7523
5809.00	0.15	294.54	5657.60	963.46	388.47	-881.85	3.23	2135746.43	2729693.20	N 36 52 9.4410W	107 48 38.7523
5810.00	0.13	294.54	5658.60	963.46	388.48	-881.85	2.15	2135746.44	2729693.20	N 36 52 9.4410W	107 48 38.7524
5811.00	0.20	294.54	5659.60	963.47	388.48	-881.85	6.45	2135746.44	2729693.20	N 36 52 9.4410W	107 48 38.7524
5812.00	0.17	294.54	5660.60	963.47	388.48	-881.86	3.22	2135746.44	2729693.20	N 36 52 9.4410W	107 48 38.7524
5813.00	0.18	294.54	5661.60	963.47	388.48	-881.86	1.07	2135746.44	2729693.19	N 36 52 9.4410W	107 48 38.7525
5814.00	0.20	294.54	5662.60	963.48	388.48	-881.86	2.15	2135746.44	2729693.19	N 36 52 9.4410W	107 48 38.7525
5815.00	0.23	294.54	5663.60	963.48	388.48	-881.86	3.23	2135746.44	2729693.19	N 36 52 9.4410W	107 48 38.7525
5820.00	0.19	294.54	5668.60	963.50	388.49	-881.88	0.86	2135746.45	2729693.17	N 36 52 9.4411W	107 48 38.7527
5825.00	0.19	294.54	5673.60	963.52	388.50	-881.90	0.00	2135746.46	2729693.15	N 36 52 9.4412W	107 48 38.7529
5850.00	0.19	294.54	5698.60	963.60	388.53	-881.97	0.00	2135746.49	2729693.08	N 36 52 9.4415W	107 48 38.7538
5874.50	0.19	294.54	5723.10	963.68	388.56	-882.04	0.00	2135746.52	2729693.01	N 36 52 9.4418W	107 48 38.7547

TD

Survey Error Model: Topographic 3-D 95.00% Confidence 2.7957 sigma

Surveying Programme:

<u>MD From (ft)</u>
0.00
2800.00

<u>MD To (ft)</u>	<u>EOU Freq</u>	<u>Survey Tool Type</u>
2800.00	Act-Stns	MWD1
5874.50	Act-Stns	Inclination Only