

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horiz Datum NAD83 Updated: 1994-05-24 Latitude 50 50 47.30565 dms Longitude 114 04 14.76388 dms Horiz Class INTEGRATED , ORDER 2	Marker Installed 74-03 Date Printed 2025-08-03 Last Updated 2019-01-11	ASCM 57091 Tablet Markings 634-4.8 Mapsheet Name CALGARY E Mapsheet Number 5634 - 004
Vert Datum CVD28 Updated: 1983-07-27 Elevation 1149.200 m Vert Class NOT INTEGRATED, NON-SIMUL TRIG	For current information call Geodetic Survey (780) 427-3143 FAX: (780) 427-1493	Marker Condition GOOD 06-11-08

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated: 2019-01-11
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Scale Factor 0.999900 At Ref Mer 114 Northing 5634445.308 m Easting -4983.609 m Convergence -0 03 17.56 dms Station Ellipsoid Factor 0.999822 Station Combined Factor 0.999723	<table border="0"> <tr> <th style="text-align: left;">ASCM Tablet To Markings</th> <th style="text-align: left;">Horizontal Distance (m) (cm)</th> <th style="text-align: left;">Std Dev Order</th> <th style="text-align: left;">PPM/ Grid/ Grnd Factor</th> <th style="text-align: left;">Grid Bearing (dms)</th> <th style="text-align: left;">Std Dev (s)</th> <th style="text-align: left;">T-t Corr (s)</th> </tr> <tr> <td>203794 634-04.9</td> <td>169.628</td> <td>1</td> <td>59/2 0.999723</td> <td>104 15 20.20</td> <td>4.0</td> <td>0.00</td> </tr> <tr> <td>254193 634-4.10</td> <td>1548.307</td> <td>1</td> <td>23/1 0.999729</td> <td>0 07 09.62</td> <td>1.9</td> <td>-0.02</td> </tr> <tr> <td>45161 634-0.5</td> <td>1625.283</td> <td>1</td> <td>31/2 0.999729</td> <td>81 28 39.79</td> <td>2.6</td> <td>0.00</td> </tr> <tr> <td>67827 634-4.7</td> <td>1652.280</td> <td>1</td> <td>21/1 0.999728</td> <td>279 01 25.08</td> <td>1.8</td> <td>0.00</td> </tr> <tr> <td>134403 634-4.6</td> <td>2340.746</td> <td>1</td> <td>17/1 0.999727</td> <td>276 05 58.38</td> <td>1.4</td> <td>0.00</td> </tr> <tr> <td>298257 634-4.5</td> <td>2394.357</td> <td>1</td> <td>16/1 0.999722</td> <td>283 53 57.71</td> <td>1.4</td> <td>-0.01</td> </tr> </table>	ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	203794 634-04.9	169.628	1	59/2 0.999723	104 15 20.20	4.0	0.00	254193 634-4.10	1548.307	1	23/1 0.999729	0 07 09.62	1.9	-0.02	45161 634-0.5	1625.283	1	31/2 0.999729	81 28 39.79	2.6	0.00	67827 634-4.7	1652.280	1	21/1 0.999728	279 01 25.08	1.8	0.00	134403 634-4.6	2340.746	1	17/1 0.999727	276 05 58.38	1.4	0.00	298257 634-4.5	2394.357	1	16/1 0.999722	283 53 57.71	1.4	-0.01	
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GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev	MARKER TYPE	Updated: 1990-06-22
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Meridian Defl,XI(+N) 4.9 s 2 s Prime Vert Defl,ETA(+E) 6.6 s 2 s Geoid_Ellip Separation -15.78 m 1 m	ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG FLUSH WITH GRND., 1 GP.	
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COORDINATE HISTORY	HORZ	VERT	MARKER LOCATION	Updated: 1989-03-29
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Originating Project 75116 75116 Published 83-07-27 83-07-27 Revising Project NAD83 Published 94-05-24 Revising Project Published Revising Project Published	LOCATED ON 4 STREET SOUTH WEST ON HILL AND NORTH OF 242 AVENUE SOUTH WEST AT END OF CUL-DE-SAC; IN ROAD ALLOWANCE (4 STREET SOUTH WEST) BETWEEN SEC 3 AND 4- 22-1-W5; ON THE EAST PROPERTY LINE OF 4 STREET PRODUCED SOUTH; 10.3 M NORTH EAST OF LARGE PREHISTORIC ROCK IN MIDDLE OF CUL-DE-SAC; 30.0 CM NORTH EAST OF EDGE OF GRAVEL ROAD; 0.3 M SOUTH WEST OF REMAINS OF GUARD POST (THIS GUARD POST IS NOT VISIBLE).	
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NON COORDINATE REVISIONS

1975-10-20 FIRST MARKER LOCATION DESCRIPTION ENTERED 2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED	MARKER CONDITION COMMENTS	Inspected Updated 2006-11-08 2009-06-04 1990-05-10 1990-06-22 1989-01-27 1989-03-29
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COORDINATE HISTORY COMMENTS

HORZ 94-05-24	ALBERTA NAD83 READJUSTMENT
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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56344 4 8

HISTORY 634-04.8 56344 4 8