

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

| | | | |
|---|--|------------------|---------------|
| Horz Datum NAD83 | Updated: 1994-05-24 | ASCM | 21261 |
| Latitude 51 04 46.87021 dms | Marker Installed 78-03 | | |
| Longitude 113 58 53.93020 dms | Date Printed 2025-08-03 | Tablet Markings | 78010.9290 |
| Horz Class INTEGRATED , ORDER U | Last Updated 2003-03-12 | Mapsheet Name | CALGARY B |
| | | Mapsheet Number | 5658 + 004 |
| Vert Datum CVD28 | Updated: 1983-08-03 | | |
| Elevation 1085.300 m | For current information call Geodetic Survey | | |
| Vert Class NOT INTEGRATED, NON-SIMUL TRIG | (780) 427-3143 FAX: (780) 427-1493 | Marker Condition | GOOD 78-03-01 |

| | | |
|-----------------|-------------------------------|----------|
| 3TM COORDINATES | ADJACENT MARKERS (calculated) | Updated: |
|-----------------|-------------------------------|----------|

| | | | | | | |
|-----------------------------------|----------------|-------------|--------------------------------|---------|-----|------|
| Scale Factor 0.999900 | At Ref Mer 114 | ASCM Tablet | Horizontal Std PPM/ Grid/ Grnd | Grid | Std | T-t |
| | | To Markings | Distance Dev Order Factor | Bearing | Dev | Corr |
| | | | (m)(cm) | (dms) | (s) | (s) |
| Northing 5660384.797 m | | | | | | |
| Easting 1285.982 m | | | | | | |
| Convergence 0 00 51.40 dms | | | | | | |
| Station Ellipsoid Factor 0.999833 | | | | | | |
| Station Combined Factor 0.999733 | | | | | | |

GEOID DATA (GSD95) Updated: 96-01-06

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|-------------------------|-----------|---------|-------------|---------------------|
| Component | Magnitude | Std Dev | MARKER TYPE | Updated: 1978-12-06 |
| Meridian Defl,XI(+N) | 2.6 s | 2 s | TEMPORARY | |
| Prime Vert Defl,ETA(+E) | 4.5 s | 2 s | | |
| Geoid_Ellip Separation | -16.40 m | 1 m | | |

COORDINATE HISTORY HORZ VERT MARKER LOCATION Updated: 1978-12-06

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|---------------------|----------|----------|-----------------|
| Originating Project | 78010 | 78010 | TEMPORARY POINT |
| Published | 83-08-03 | 83-08-03 | |
| Revising Project | NAD83 | | |
| Published | 94-05-24 | | |
| Revising Project | | | |
| Published | | | |
| Revising Project | | | |
| Published | | | |

NON COORDINATE REVISIONS

| | | | | |
|------------|------------------------|---------------------------|-----------|---------|
| 1978-12-06 | FIRST MARKER LOCATION | MARKER CONDITION COMMENTS | Inspected | Updated |
| | DESCRIPTION ENTERED | | | |
| 2003-03-12 | "MAPSHEET NAME" AND/OR | | | |
| | "MAPSHEET NO" CHANGED | | | |

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 47020

HISTORY 56583 47020