

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

| | | | |
|-------------------------------|---------------------|--|---------------------|
| Horz Datum NAD83 | Updated: 1994-05-24 | ASCM | 24604 |
| Latitude 50 56 04.71253 dms | | Marker Installed | 73-03 |
| Longitude 114 04 48.21856 dms | | Tablet Markings | 73118/904 |
| Horz Class INTEGRATED | , ORDER U | Date Printed | 2025-08-03 |
| | | Last Updated | 2003-03-12 |
| Vert Datum CVD28 | Updated: 1989-08-23 | Mapsheet Name | CALGARY F |
| Elevation 1073.079 m | | Mapsheet Number | 5643 - 004 |
| Vert Class INTEGRATED | , CONSULT AGENCY | For current information call Geodetic Survey | |
| | | (780) 427-3143 | FAX: (780) 427-1493 |
| | | Marker Condition | GOOD 73-03-01 |

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

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|-----------------------------------|----------------|-------------|--------------------------------|---------|-----|------|
| Scale Factor 0.999900 | At Ref Mer 114 | ASCM Tablet | Horizontal Std PPM/ Grid/ Grnd | Grid | Std | T-t |
| | | To Markings | Distance Dev Order | Bearing | Dev | Corr |
| | | | (m)(cm) | (dms) | (s) | (s) |
| Northing 5644253.410 m | | | | | | |
| Easting -5627.405 m | | | | | | |
| Convergence -0 03 43.78 dms | | | | | | |
| Station Ellipsoid Factor 0.999834 | | | | | | |
| Station Combined Factor 0.999735 | | | | | | |

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

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|-------------------------|-----------|---------|-------------|---------------------|
| Component | Magnitude | Std Dev | MARKER TYPE | Updated: 1974-03-21 |
| Meridian Defl,XI(+N) | 4.1 s | 2 s | NAIL | |
| Prime Vert Defl,ETA(+E) | 6.4 s | 2 s | | |
| Geoid_Ellip Separation | -15.98 m | 1 m | | |

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|--------------------|------|------|-----------------|---------------------|
| COORDINATE HISTORY | HORZ | VERT | MARKER LOCATION | Updated: 1974-03-21 |
|--------------------|------|------|-----------------|---------------------|

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|---------------------|----------|----------|-----------------|
| Originating Project | 73118 | 73118 | TEMPORARY POINT |
| Published | 83-03-21 | 83-03-21 | |
| Revising Project | NAD83 | 89153 | |
| Published | 94-05-24 | 89-08-23 | |
| Revising Project | | | |
| Published | | | |
| Revising Project | | | |
| Published | | | |

NON COORDINATE REVISIONS

| | | | | |
|------------|---------------------------|---------------------------|-----------|---------|
| 1974-03-21 | FIRST MARKER LOCATION | MARKER CONDITION COMMENTS | Inspected | Updated |
| | DESCRIPTION ENTERED | | | |
| 2003-03-12 | "MAPSHEET NAME" AND/OR | | | |
| | "MAPSHEET NO" CHANGED | | | |
| 1990-12-28 | 'VERT CLASS' CHANGED FROM | | | |
| | "UNIQUE, CONSULT AGENCY" | | | |

COORDINATE HISTORY COMMENTS

| | |
|---------------|----------------------------|
| HORZ 94-05-24 | ALBERTA NAD83 READJUSTMENT |
|---------------|----------------------------|

HISTORICAL/OTHER MARKER NAMES

| | | | |
|-------------------|-------|----------|---|
| OLD ASC # 56434 | 47003 | VERT | |
| | | 89-08-23 | 9.999 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM) |
| HISTORY 73118.904 | 56434 | 47003 | |