

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 58 43.98050 dms  
Longitude   114 00 27.39064 dms  
Horz Class INTEGRATED    , ORDER U

Marker Installed   83-12  
Date Printed       2025-08-03  
Last Updated      2003-03-12

ASCM       68023  
Tablet Markings   646-0.7008  
Mapsheet Name    CALGARY F  
Mapsheet Number   5649 - 000  
Marker Condition   GOOD       83-12-01

Vert Datum CVD28      Updated: 1999-08-16  
Elevation    1024.396 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

For current information call Geodetic Survey  
(780) 427-3143      FAX: (780) 427-1493

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3TM COORDINATES

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ADJACENT MARKERS (calculated)

Updated:

Scale Factor   0.999900    At Ref Mer 114

ASCM Tablet            Horizontal Std PPM/ Grid/ Grnd  
To Markings            Distance Dev Order    Factor  
                                 (m)(cm)

Grid    Std    T-t  
Bearing Dev Corr  
(dms)    (s)    (s)

Northing   5649171.603 m  
Easting     -534.289 m  
Convergence   -0 00 21.28 dms  
Station Ellipsoid Factor 0.999842  
Station Combined Factor   0.999742  
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GEOID DATA (GSD95)      Updated: 96-01-06

Component            Magnitude    Std Dev  
Meridian Defl,XI(+N)    3.3    s    2    s  
Prime Vert Defl,ETA(+E) 4.7    s    2    s  
Geoid\_Ellip Separation -16.21 m    1    m  
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MARKER TYPE

Updated: 1985-01-24

TEMPORARY

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MARKER LOCATION

Updated: 1985-01-24

TEMPORARY

COORDINATE HISTORY            HORZ        VERT  
Originating Project            83062      83062  
Published            85-01-25   85-01-25  
  
Revising Project            NAD83      98014  
Published            94-05-24   99-08-16  
Revising Project  
Published  
Revising Project  
Published  
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NON COORDINATE REVISIONS

1985-01-24    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

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MARKER CONDITION COMMENTS

Inspected      Updated

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464    07008

VERT

99-08-16

0.011 m    ELEVATION REVISED AND REINTEGRATED

HISTORY                    56464    07008