

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 08 02.40030 dms  
Longitude   114 09 29.38485 dms  
Horz Class INTEGRATED    , ORDER U

Marker Installed   83-10

ASCM      46060

Tablet Markings   664-8.7016

Date Printed      2025-08-03  
Last Updated      2003-03-12

Mapsheet Name    CALGARY H  
Mapsheet Number   5664 - 008

Vert Datum CVD28      Updated: 2000-06-15  
Elevation    1244.642 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition   GOOD      83-10-01

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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   5666438.369 m  
Easting    -11069.516 m  
Convergence   -0 07 23.33 dms  
Station Ellipsoid Factor 0.999808  
Station Combined Factor   0.999709

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

Component                   Magnitude    Std Dev

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MARKER TYPE

Updated: 1984-10-12

Meridian Defl,XI(+N)      2.1    s      2    s  
Prime Vert Defl,ETA(+E)   6.7    s      2    s  
Geoid\_Ellip Separation -16.13 m      1    m

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TEMPORARY

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MARKER LOCATION

Updated: 1984-10-12

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COORDINATE HISTORY                    HORZ                    VERT

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TEMPORARY

Originating Project                    83048                    83048  
Published                    84-10-15    84-10-15

Revising Project                    NAD83                    98016  
Published                    94-05-24    00-06-15  
Revising Project  
Published  
Revising Project  
Published

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NON COORDINATE REVISIONS

1984-10-12    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

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HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

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VERT

OLD ASC # 56644    87016

00-06-15

0.011 m    REVISED ELEVATION-BETTER INTEGRATION

HISTORY                    56644    87016