

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    50 57 44.67914 dms  
Longitude   114 01 55.53171 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    70-03

ASCM      68510

Tablet Markings    646-0.44

Date Printed      2025-08-03  
Last Updated      2007-06-25

Mapsheet Name    CALGARY F  
Mapsheet Number   5646 - 000

Vert Datum CVD28      Updated: 1999-08-16  
Elevation    1016.479 m  
Vert Class INTEGRATED    , SPIRIT LEVELS

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

Marker Condition    GOOD      06-10-13

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor    0.999900    At Ref Mer 114

Northing    5647339.710 m  
Easting      -2254.388 m  
Convergence   -0 01 29.74 dms  
Station Ellipsoid Factor 0.999843  
Station Combined Factor   0.999743

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
154534 646-0.41	302.809	1 59/2	0.999741	280 50 44.38	4.8	0.00
231738 646+00.130	352.261	1 42/2	0.999741	305 39 15.80	2.9	0.00
150441 646-0.45	449.279	1 27/1	0.999743	68 29 28.93	2.3	0.00
190298 646-0.46	483.402	1 27/1	0.999742	111 53 42.23	2.3	0.00
66118 646-0.25	500.185	1 40/2	0.999741	234 46 06.45	3.3	0.00
224378 646-0.60	555.148	1 31/2	0.999742	214 10 30.57	2.6	0.00

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

Component      Magnitude    Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N)      3.6    s      2    s  
Prime Vert Defl,ETA(+E)    5.3    s      2    s  
Geoid\_Ellip Separation -16.14 m      1    m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
10 CM BGL, LANDSCAPED, 30 CM W OF GP.

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COORDINATE HISTORY      HORZ      VERT

MARKER LOCATION

Updated: 2007-06-25

Originating Project      70103      70103  
Published      71-05-25    71-05-25  
  
Revising Project      NAD83      98014  
Published      94-05-24    99-08-16  
Revising Project  
Published  
Revising Project  
Published

LOCATED ON MAPLERIDGE GOLF COURSE 12.2 M W OF E/BDY OF GOLF COURSE MARKED BY CHA  
IN LINK FENCE; 7.4 M W OF S/EDGE OF TEE BOX FOR HOLE #14; 113.2 M SOUTH OF TWO C  
ONNECTING TRAFFIC STANDARDS ON DEER FOOT TRAIL WITH TWO GREEN AND WHITE SIGNS SA  
YING DEEFOOT TRAIL AND SOUTHLAND DRIVE ON THEM, PRODUCED WEST; 12.2 M WEST OF TH  
E EAST PROPERTY LINE STEEL FENCE OF GOLF COURSE.

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NON COORDINATE REVISIONS

1971-05-25    FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12    "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

2006-10-13    2007-06-25  
1993-03-29    1993-07-07

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464    0    44

99-08-16

0.022 m    ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.44      56464    0    44