

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 01.23945 dms
Longitude 114 03 27.24917 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 24141

Tablet Markings 643-0.76

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

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1048.809 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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5645998.556 m
Easting -4045.132 m
Convergence -0 02 40.95 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
35063 643-0.22	159.993	1 100/2	0.999733	93 32 41.87	8.6	0.00
137133 646-0.79	276.891	1 40/2	0.999738	5 21 41.63	3.2	0.00
29546 643-0.87	298.227	1 40/2	0.999738	157 54 21.49	3.2	0.00
84137 646-0.80	318.708	1 44/2	0.999737	26 46 48.62	3.7	0.00
213694 643-0.21	320.363	1 50/2	0.999736	61 06 36.17	4.3	0.00
33902 643-0.25	320.934	1 50/2	0.999737	46 58 01.44	4.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
15 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 70102 70102
Published 71-05-25 71-05-25

LOCATED IN RIGHT FIELD OF W SET OF TWIN BASEBALL DIAMONDS THAT ARE ON THE NE COR
NER OF ANDERSON RD AND BONVENTURE DR SE; 2.0 M S OF OUTFIELD FENCE; 4.3 M W OF E
CHAIN LINK FENCE.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

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
1989-03-28 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 76

99-08-16

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.76 56434 0 76