

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 30.45896 dms
Longitude 114 01 09.50532 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 34876

Tablet Markings 640-0.176

Date Printed 2025-08-03
Last Updated 2011-02-02

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1027.534 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-06-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-02-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5643192.140 m
Easting -1357.353 m
Convergence -0 00 53.96 dms
Station Ellipsoid Factor 0.999842
Station Combined Factor 0.999742

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
220897 640-0.104	303.804	1 36/2	0.999740	132 48 30.18	2.4	0.00
203190 643-0.243	327.948	1 43/2	0.999739	44 28 57.81	3.2	0.00
82693 640-0.102	387.658	1 26/1	0.999741	118 37 49.48	2.2	0.00
231407 640-0.181	428.546	1 23/1	0.999743	228 42 08.13	1.9	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	4.0 s	2 s
Prime Vert Defl, ETA(+E)	5.2 s	2 s
Geoid_Ellip Separation	-16.08 m	1 m

MARKER TYPE

Updated: 1989-01-20

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project	79032	79032
Published	83-08-18	83-08-18
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1989-01-20

LOCATED ON THE SOUTH WEST CORNER OF DEERVIEW DRIVE AND DEER RIDGE DRIVE SOUTH EAST; 0.05 M SOUTH OF BACK OF WALK ON DEER RIDGE DRIVE; ON BACK OF WALK WEST OF DEERVIEW DRIVE PRODUCED SOUTH; 10.6 M WEST OF FURTHEST WEST OF TRIPLE CATCH BASINS.

NON COORDINATE REVISIONS

DATE	DESCRIPTION ENTERED
1980-05-23	FIRST MARKER LOCATION
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected	Updated
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MARKER REPORTED IN GOOD CONDITION	1989-06-22	1990-04-27
MARKER REPORTED IN GOOD CONDITION.	1989-02-08	1989-09-26
MARKER REPORTED IN GOOD CONDITION.	1989-01-10	1989-01-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 176

VERT

99-08-16

-0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.176 56404 0 176