

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 09.61168 dms
Longitude 113 56 48.68644 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 67488

Tablet Markings 73.25

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY C
Mapsheet Number 5643 + 004

Vert Datum CVD28 Updated: 1994-06-24
Elevation 1029.856 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5644403.081 m
Easting 3735.247 m
Convergence 0 02 28.54 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
259358 643+04.33	578.524	1	28/2	0.999741	179 11	26.25	2.3	-0.01
191254 270130	814.963	1	21/1	0.999742	89 44	43.55	1.8	0.00
74419 643+4.28	1222.948	1	16/1	0.999741	269 39	57.12	1.3	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.6 s	2 s
Prime Vert Defl,ETA(+E)	4.0 s	2 s
Geoid_Ellip Separation	-16.21 m	1 m

MARKER TYPE

Updated: 1993-02-08

IRON BAR 1.5 M LONG

FLUSH WITH GROUND, 0.21 M S OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	73119	73119
Published	83-03-05	83-03-05
Revising Project	NAD83	93014
Published	94-05-24	94-06-24
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-04-19

LOCATED IN THE SHEPHARD LANDFILL SITE ALONG 130 AVENUE S.E. FENCE LINE AND AT N-S 1/4 LINE; 0.9 M NORTH OF E-W FL FROST FENCE PROD. W.; 5.2 M WEST OF N-S 1/4 LINE FL FROST FENCE.

NON COORDINATE REVISIONS

1974-03-13	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
1993-02-08	TABLET MARKINGS CHANGED FROM 643+4.25

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1993-03-31 1993-04-19
1993-01-19 1993-02-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56433 4 25

VERT

94-06-24

-0.007 m REVISED ELEVATION-MOVEMENT SUSPECTED

HISTORY 643+04.25 56433 4 25