

Annex B. Comparison of feature types from several data content standards

SANS 1880	FGDC Cadastral Data Content Standard, FGDC-STD-003	FGDC Utilities Data Content Standard, FGDC-STD-010	FGDC Hydrographic Data Content Standard for Coastal and Inland Waterways	Zimbabwe Cadastre	Zimbabwe Transport	Zimbabwe Building	Zimbabwe Utilities	Zimbabwe Land description	Zimbabwe Administration	Zimbabwe Water	Zimbabwe Heights
Measurement Sample Point			Gauging Station Tide Data Point					land area			spot height
Interpolated Point								land designation			TIN point set
Isoline			Depth Contour					representation point			height contour
Discrete Polygon								land geometry			
Tesselation											slope face
Georeferenced Raster											grid matrix
Mineral Resource											grid points
Groundwater											
Land Cover			Mine Naval Buildup Area			built-up area building					
Landscape Feature			Reef Rapids Slope Topline Waterfall								
Coastline			Shoreline Shoreline Construction								
Sea											
Coastal Water Body			Dam Lake							water reservoir water point source waterarea centre water geometry dam geometry waterpoint geometry catchment geometry catchment area	
Inland Water Body											
Wetland			Swamp/Marsh Island Spring								
Island			River River bank Channel River System (Shallow) Tidal Stream							river river segment	
Spring											
River											
Erosion Feature											
County											
Province											
Magisterial District											
Municipality											
Enumeratory Area											
Populated place											
Administrative Area			Administration Area Restricted Area						adm area adm border representation point border line		
Historical Administrative Area											
Maritime Zone											
Planning Management Area											
Business Management Area											
Cadastral Property	Parcel Parcel Area Parcel legal Area Parcel record Boundary Legal Area Record Boundary Parcel Transaction Public Land Survey System Description Public Land Survey System Township Public Land Survey System Township First Division Public Land Survey System Township Second Division Public Land Survey System Township Third Division			survey block Property Parcel representation point boundary line							
Right Over Cadastral Property	Parcel Right Right and Interest Right Transaction Legal Area Corner Legal Area Description										
Cadastral Beacon											
Control Survey Beacon											
Vegetation			Aquatic Vegetation Area Buildup Area Airport/Airfield			built-up area building building geometry building centre					
Landuse											
Pollution Source											
Barrier			Oil Barrier Fence/Wall Gate Storm sewer gate point								
Access Point											
Tunnel		Tunnel centerline	Tunnel Channel River System (Shallow) Channel Maintained (Deep draft) Overhead Pipeline/Cable Submerged Pipeline-Cable				pipeline coupling				
Channel											
Pipeline		Compressed air pipe line									
Pump Station		Fuel pump point Fuel source point Fuel tank site Water pump point Water pump station site Industrial waste pump station ejector point Natural gas pump station site Storm sewer pump station site Wastewater pump ejector station site									
Reservoir		Storm sewer reservoir point Water reservoir area Water tank site Wastewater septic tank point Water meter point	Water Tower								
Water Supply Point											
Treatment Plant		Industrial waste treatment plant area Wastewater treatment plant site Water treatment plant area									
Waste Site		Industrial waste meter point Industrial waste storage area Industrial waste tank point	Dumping Ground								
Energy Collection Area											
Petroleum Extraction Point											
Power Line		Electrical cable line Electrical generator point Electrical switch point									
Power Station											
Substation		Electrical substation site									
Telecommunication Link											
Telecommunication Exchange											
Telecommunications Tower											
Bridge			Bridge Bridge Pier Bridge Tower Road Recommended Track			road road element road node road object road object position road geometry					
Road											
Railway Line			Railroad Railroad Yard Ferry Route Deep Water Route Two Way Route							track network track section track node physical network utility geometry	
Transport Route											
Transport Node		Energy control monitoring junction point Electrical junction point Fuel junction point Heat cool junction point Industrial waste junction point Natural gas junction point Storm sewer junction point Wastewater junction point Water junction point	Airport/Airfield								
Traffic Sign											
Navigation Beacon			Buoy Landmark Beacon Reef Underwater Rock								
Navigational Hazard											
Promotional Sign											
Dwelling											
Public Structure											
Educational Facility											
Health Facility											
Religious Place											
Heritage Site											
Recreational Facility			Park								
Commercial Structure											
Industrial Structure			Pylon Harbor Facility Harbor Drydock Floating Dock Pier/Wharf/Quay Silo/Tank								
Harbour facility											
Agricultural Facility											
Observation structure											
Disaster Indicator											
Index											
Geographical Name											
Service Point											
Beacon/Reference Point											
Feature types that could not be matched to SANS 1880											
Agent		Compressed Air Drain Set Point	Anchor Berth								
Angle		Compressed air fitting point	Anchorage area								
Circular curve		Compressed air flow direction arrow	Berth								
Corner		Compressed air pipe line	Boat Lift								
Corner Point		Compressed air tank point	Boat Ramp								
Coordinate Reference		Compressed air valve pit point	Bottom Characteristics								
Coordinate value		Compressed air valve point	Break Water								
Geopolitical Area		Energy control monitoring cable line	Building								
Geopolitical Legal Area		Energy control monitoring device point	Canal								
Individual		Energy control monitoring ductbank line	Cargo Transshipment Area								
Organization		Energy control monitoring marker point	Cause Way								
Other Curve		Exterior lighting point	Caution Area								
Outer Continental Shelf Block		Electrical bus line	CheckPoint								
Outer Continental Shelf Block Parcel		Electrical capacitor point	Coast Guard Station								
Outer Continental Shelf Description		Electrical ductbank line	Contiguous Zone								
Parcel Transaction		Electrical ground point	Continental Shelf Area								
Public Agency		Electrical marker point	Control Point								
Record Boundary		Electrical meter point	Conveyor								
Record Boundary Corner Point		Electrical motor point	Crane								
Record Boundary Offset		Electrical pedestal point	Current								
Restriction		Electrical regulator point	Custom Zone								
Source		Electrical riser point	Day Mark								
Straight Line		Electrical splice point	Depth Area								
Survey System Description		Electrical transformer bank point	Distance Mark								
Survey System First Devision		Electrical transformer vault point	Dolphin								
Survey System Second Devision		Fuel air eliminator point	Dredged Area								
Survey System Third Devision		Fuel anode point	Dyke								
Transaction Agent		Fuel anode test station point	Elevation								
Transaction Document		Fuel catch basin area	Fairway								
		Fuel filter strainer point	Fender								
		Fuel flow direction arrow	Fishery Zone								
		Fuel hydrant point	Fishing Facility								
		Fuel line	Fishing Ground								
		Fuel marker point	Fishing Harbor								
		Fuel meter point	Fleeting Area								
		Fuel oil water separator point	Flood Diversion Area								
		Fuel pump booster station point	Flood Wall								
		Fuel rectifier point	Fog Signal								
		Fuel regulator reducer point	Fortified Structure								
			Foul Ground								
			Freeport Area								
			Grain Elevator/Elevator								
		Fuel valve point	Gridiron								
		Culvert centerline	Guide Wall								
		Tunnel centerline	Ice Area								
		Utility area									

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		Utility pole guy point	Ice Boom								
		Heat cool anchor point	Incorporation Area								
		Heat cool anode point	Inshore Traffic Zone								
		Heat cool anode test station point	Isogonic Line								
		Heat cool fitting point	Landing Place								
		Heat cool flow direction arrow	Landmark								
		Heat cool line	Leading Line								
		Heat cool marker point	Levee								
		Heat cool meter point	Light Vessel/Lightship								
		Heat cool plant area	Lock								
		Heat cool pump point	Lock Basin/Lock Chamber								
		Heat cool rectifier point	Log Pond								
		Heat cool regulator point	Magnetic Disturbance Area								
		Heat cool valve point	Magnetic Variation								
		Industrial waste anode point	Major Inflow/Outflow structure								
		Industrial waste anode test station point	Marine farm								
		Industrial waste discharge point	Mat Casting Field								
		Industrial waste fitting point	Measured Distance Line								
		Industrial waste flow direction arrow	Military Practice Area								
		Industrial waste grit chamber point	Moored Vessel								
		Industrial waste inlet point	Mooring Facility								
		Industrial waste junction point	Named Water Area								
		Industrial waste lagoon area	Navigation Light								
		Industrial waste line	Navigation Line								
		Industrial waste marker point	Obstruction								
		Industrial waste neutralizer point	Offshore Loading Facility								
		Industrial waste oil water separator site	Offshore Platform								
		Industrial waste pump point	Offshore Production Area								
		Industrial waste rectifier point	Parking Area								
		Industrial waste valve point	Pile/Post								
		Natural gas anode point	Pilot Boarding Place								
		Natural gas anode test station point	Purition								
		Natural gas fit point	Port Authority								
		Natural gas fitting point	Precautionary area								
		Natural gas flow direction arrow	Production Area								
		Natural gas light point	Promenade Pier								
		Natural gas line	Radar Line								
		Natural gas marker point	Radar Range								
		Natural gas meter point	Radar Reflector								
		Natural gas pump point	Radar Station								
		Natural gas rectifier point	Radar transponder Beacon								
		Natural gas regulator reducer point	radio Calling in Point								
		Natural gas source point	Radio Station								
		Natural gas tank point	Rescue Station								
		Natural gas valve point	Retro Reflector								
		Saltwater anode point	River Engineering Structure								
		Saltwater anode test station point	Runway								
		Saltwater rectifier point	Safety Facility								
		Saltwater valve pit point	Sand Waves								
		Saltwater valve point	Sand Bar								
		Storm sewer armour point	Sea Plane Landing area								
		Storm sewer culvert line	Seawall								
		Storm sewer discharge point	Slipway								
		Storm sewer downspout point	Slope Topline								
		Storm sewer drainage basin area	Small Craft Facility								
		Storm sewer drainage divide line	Sounding								
		Storm sewer fitting point	Straight Territorial Baseline								
		Storm sewer flood area	Submarine Transit lane								
		Storm sewer flow control point	Swagt Area								
		Storm sewer flow direction arrow	Territorial sea Area								
		Storm sewer gate point	Tideway								
		Storm sewer headwall line	Top Mark								
		Storm sewer headwall point	Traffic Separation Scheme								
		Storm sewer inlet point	Turning Basin								
		Storm sewer line	Unsurveyed Area								
		Storm sewer marker point	Visual Signal Station								
		Storm sewer oil water separator site	Waiting Area/Lock Arrival Point								
		Storm sewer open drainage line	Wildlife Management Area								
		Storm sewer pump point	Wreck								
		Storm sewer reservoir point									
		Storm sewer stilling basin site									
		Storm sewer valve point									
		Wastewater anode point									
		Wastewater anode test station point									
		Wastewater discharge point									
		Wastewater disposal tank site									
		Wastewater downspout point									
		Wastewater drain field area									
		Wastewater filtration bed area									
		Wastewater fitting point									
		Wastewater flow direction arrow									
		Wastewater grease trap point									
		Wastewater grit chamber point									
		Wastewater inlet point									
		Wastewater lagoon area									
		Wastewater line									
		Wastewater marker point									
		Wastewater meter point									
		Wastewater neutralizer point									
		Wastewater oil water separator site									
		Wastewater pump ejector station site									
		Wastewater pump point									
		Wastewater rectifier point									
		Wastewater sludge bed area									
		Wastewater treatment unit site									
		Water anode point									
		Water anode test station point									
		Water hydrant point									
		Water intake point									
		Water line									
		Water marker point									
		Water reservoir area									
		Water source site									
		Water system flow direction arrow									
		Water treatment plant area									
		Water treatment unit area									
		Water vent point									