## Topographic and Geologic Map Symbols and Types of Geologic Maps

## TOPOGRAPHIC MAP SYMBOLS

BOUNDARIES	1
National	
State or territorial	
County or equivalent	
Civil township or equivalent	
Incorporated city or equivalent	<b></b>
Park, reservation, or monument	<u> </u>
Small park	
7	
LAND SURVEY SYSTEMS	
U.S. Public Land Survey System:	
Township or range line	
Location doubtful	
Section line	
Location doubtful	
Found section corner; found closing corner	1.1
Witness corner; meander corner	wc
Other land surveys:	T Mc1
Township or range line	
Section line	
Land grant or mining claim; monument	C
Fence line	
ROADS AND RELATED FEATURES	
Primary highway	
Secondary highway	
Light duty road	
Unimproved road	
Trail	
Dual highway	
Dual highway with median strip	
Road under construction	
Underpass; overpass	
Bridge	
Drawbridge	
Tunnel	
	1 1
BUILDINGS AND RELATED FEATURES	
Dwelling or place of employment: small; large	
School; church	
Barn, warehouse, etc.: small; large	
	• •
House omission tint	
	n.
Airport	100
Landing strip	
Water tank: small; large	• 0
	•
Other tank: small; large	1
Covered reservoir	
Gaging station	•
Landmark object	, °
Campground; picnic area	+ Cem
Cemetery: small; large	1212220

RAILROADS AND RELATED FEATURES	1
Standard gauge single track; station	· · · · ·
Standard gauge multiple track	
Abandoned	
Under construction	
Narrow gauge single track	····
Narrow gauge multiple track	
Railroad in street	
Juxtaposition	
Roundhouse and turntable	
TRANSMISSION LINES AND PIPELINES	
Power transmission line: pole; tower	
Telephone or telegraph line	
Aboveground oil or gas pipeline	
Underground oil or gas pipeline	
CONTOURS	
Topographic:	
Intermediate	$\mathcal{P}$
Index	1
Supplementary	$\cdot$
Depression	E.
Cut; fill	
Bathymetric:	
Intermediate	
Index	
Primary	
Index Primary	
Supplementary	r
MINES AND CAVES	
Quarry or open pit mine	. ×
Gravel, sand, clay, or borrow pit	
Mine tunnel or cave entrance	. <i>-</i>
Prospect; mine shaft	X m
Mine dump	Ś.
Tailings	4.507.5
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SURFACE FEATURES	
Levee	
Sand or mud area, dunes, or shifting sand	
Intricate surface area	6.1.4
Gravel beach or glacial moraine	
Tailings pond	
VEGETATION	
Woods	
Woods	
Scrub	
Scrub	
Scrub	

MARINE SHORELINE	I
Topographic maps:	
Approximate mean high water	$\sim$
Indefinite or unsurveyed	
Topographic-bathymetric maps:	ĺ
Mean high water	
Apparent (edge of vegetation)	
Apparent (edge of vegetation)	
COASTAL FEATURES	
Foreshore flat	-
Rock or coral reef	and the
Rock bare or awash	*
Group of rocks bare or awash	****
Exposed wreck	<u> </u>
Depth curve; sounding	10
Breakwater, pier, jetty, or wharf	L
Seawall	$\sim$
BATHYMETRIC FEATURES	
Area exposed at mean low tide; sounding datum	
Channel	+
Offshore oil or gas: well; platform	•
Sunken rock	+
RIVERS, LAKES, AND CANALS	
Intermittent stream	
Intermittent river	
Disappearing stream	
Perennial stream	· ·
Perennial river	
Small falls; small rapids	
Large falls; large rapids	8 22
	The Land
Masonry dam	
	$\Box$
Intermittent lake or pond	$\square$
Dry lake	() ()
Narrow wash	
Wide wash	
Canal, flume, or aqueduct with lock	
Elevated aqueduct, flume, or conduit	.
Aqueduct tunnel	→
Water well; spring or seep	0 8
GLACIERS AND PERMANENT SNOWFIELDS	-
Contours and limits	
Form lines	
SUBMERGED AREAS AND BOGS	Call Call Call
Marsh or swamp	
Submerged marsh or swamp	
Wooded marsh or swamp	
Submerged wooded marsh or swamp	
Rice field	и и и и и и и и и и и
Land subject to inundation	

Source: U.S. Geological Survey