

# Appendix B

## Exploration Directive 2006-15

Table of Required Setback Distances to Specified Structures		Explosive		Non-Explosive
Specified Structure	Charge Size	Distance	Distance	
Residence, barn, or any building(s) with a concrete base, concrete irrigation structures (e.g., drop structures, head works); concrete lined irrigation canals, and concrete water pipelines.	Up to and including 12 kg	180 m	50 m	
	> 12 kg < = 20	200 m		
Water wells, developed spring, observation well, or piezometer.	Up to and including 12 kg	180 m	100 m	
	> 12 kg < = 20	200 m		
<b>High Pressure Pipelines</b> High pressure pipelines are pipelines that operate at, or are intended to operate at a pressure in excess of 700 kilo pascals or less.  <b>Note:</b> All distances are measured from the centre of the pipeline.	< = 2 kg	32 m	15 m	
	> 2 & < 4 kg	45 m		
	> = 4 & < 6 kg	55m		
	> = 6 & < 8 kg	64 m		
	> = 8 kg & < 10 kg	70 m		
	> = 10 & < 12 kg	78 m		
	> = 12 kg < = 20 kg	100 m		
<b>Low Pressure Pipelines</b> Low pressure pipelines are pipelines that operate at, or are intended to operate at a pressure of 700 kilo pascals or less. <b>Note:</b> All distances are measured from the centre of the pipeline.	Up to and including 20 kg	3 m	3 m	
<b>Dugouts</b> Measured from the inside edge of high water mark.		50 m	25 m	
<b>Irrigation Canal (other than concrete lined)</b> Irrigation canals that are more than 4 m wide.		10 m	10 m	
<b>Buried Water Pipelines (other than concrete lined)</b>		3 m	3 m	
<b>Dams</b> Dam means a barrier constructed and having a storage reservoir capacity of at least 30,000 m <sup>3</sup> , and which is at least 2.5 m in height when measured vertically to the top of the barrier.		180 m	50 m	
<b>Cemetery</b> Distance to the energy source is measured to the surveyed boundary of the cemetery.		100 m	50 m	
<b>Buried Lines and Survey Monuments</b> Telephone lines and telecommunications lines.		2 m	2 m	
<b>Domestic Septic Tank or Mound</b> A septic tank is defined as a tank that is used as septic storage device. A mound is a septic storage device that is located above ground surface.		15 m	15 m	

Table of Reduced Setback Distance to Specified Structures with Written Consent of the Owner of the Structures		Explosive		Non-Explosive
Specified Structure	Charge Size	Distance	Distance	
Residence, barn, or any building(s) with a concrete base, concrete irrigation structure (e.g., drop structures, head works), concrete-lined irrigation canals, and concrete water pipelines.	< = 2 kg	64 m	50 m	
	> 2 & 4 kg	90 m		
	> = 4 & < 6 kg	110 m		
	> = 6 & < 8 kg	128 m		
	> = 8 & < 10 kg	142 m		
	> = 10 & 12 kg	156 m		
Water wells, developed springs, observation wells, or piezometer.				