



Environment Yukon 203-1191 Front St
 Water Resources Branch Whitehorse, YT, Y1A 0K5
 (867) 667-3104

YWWR = 101160008

**MONITORING WELL DEVELOPMENT,
 PURGING & SAMPLING RECORDS**

Well ID CAFN - MW-02 Well Diameter 2"
 Project Name CHAMPAGNE Total Depth of Well 10.65 mbtoc
 Project Number _____ Initial Depth to Water 7.91 mbtoc Time 11:21
 Date MARCH 31/17 1 Casing Volume 5.4 L
 Prepared By: JOHN MILLS / KATE REIFEL 3 Casing Volume 16 L
 Sample ID _____ Duplicate ID _____ Depth to Water After Purging 9.06 mbtoc Time 15:01
 Sample Depth _____ Method of Purging 2" GRUNDFOS REDIFLO
 Activity Performed at Well: Method of Sampling _____
 Development Purging Sampling Method of Development 2" GRUNDFOS REDIFLO

time	intake depth feet (metres)	pumping rate gpm (Lpm)	cumulative volume litres (gallons)	temp. F (C)	pH (units)	specific conductance (µmhos/cm)	comments odour, colour, sediment load, well condition, presence of product
12:01	10.3	5.0	20	5.8	7.9	287	brown/grey, extremely turbid (choc. milk)
12:16	10.3	5.0	80	4.6	7.1	242	~40 NTU, less turbid
12:39	10.3	5.0	160	4.6	7.0	190	
13:43	10.3	4.0	240	4.8	7.0	176	water level = 8.93 mbtoc (pump stopped and restarted btwn 12:57-13:43)
14:05	10.3	4.0	320	5.3	7.2	163	∇ = 8.99 mbtoc
14:31	10.3	4.0	380	4.7	6.9	152	Generator ran out of fuel, stopped and restarted
14:38	10.3	4.0	400	4.4	6.8	147	∇ = 9.04 mbtoc at 14:41
14:47	10.3	4.0	440	4.3	6.6	147	∇ = 9.06 mbtoc at 14:52
15:01	10.3	4.0	500	4.2	6.7	143	∇ = 9.06 mbtoc at 15:01

container size and composition	preservative	number of containers	analyses	time	laboratory

pH calibration		(choose two)			zero check setting
time	buffer solution	pH 4.0	pH 7.0	pH 10.0	
start of day:	temp. (C)				
	instrument reading				
	should read/calibrated to				
end of day:	temp. (C)				
	instrument reading				

specific conductance calibration				zero & redline check
time	KCl solution (µmhos/cm @ 25 C)	1413		
start of day:	temp. (C)			
	instrument reading			
	should read			
end of day:	temp. (C)			
	instrument reading			
	should read			

notes 120 GALLONS USED DURING DRILLING → PURGE 120 GALLON PLUS 5 CASING VOLUMES = 500 L = 125 GALLONS

Well ID CAFN-MW2 Site Location CHAMPAGNE
 Project Name CHAMPAGNE FLOODING Field Personnel JOHN MILLER KATIE PFEIFER
 Project Number _____ Recorded By JOHN MILLER

Permit Number _____
 Installation Date(s) MARCH 30, 2017
 Drilling Method HOLLOW STEM AUGER
 Drilling Contractor MIDNIGHT SUN
 Driller RYAN
 Drilling Fluid WATER
 Fluid Loss During Drilling 120 Litres/Gallons

Materials Used

Riser Pipe: Length _____ metres/feet
 Diameter 2 cm/inches
 Construction PVC schedule 40
 Stainless Steel
 Galvanized Steel

Slotted Area: Length 5 metres/feet
 Diameter 2 cm/inches
 Construction PVC schedule 40
 Stainless Steel
 Galvanized Steel

Silt Trap Used YES NO
 Filter Sock Used YES NO

Bottom End Cap: Male Female
 PVC schedule 40
 Stainless Steel
 Galvanized Steel

Top Cap: Male Female Slip J Plug
 PVC schedule _____
 Stainless Steel
 Galvanized Steel

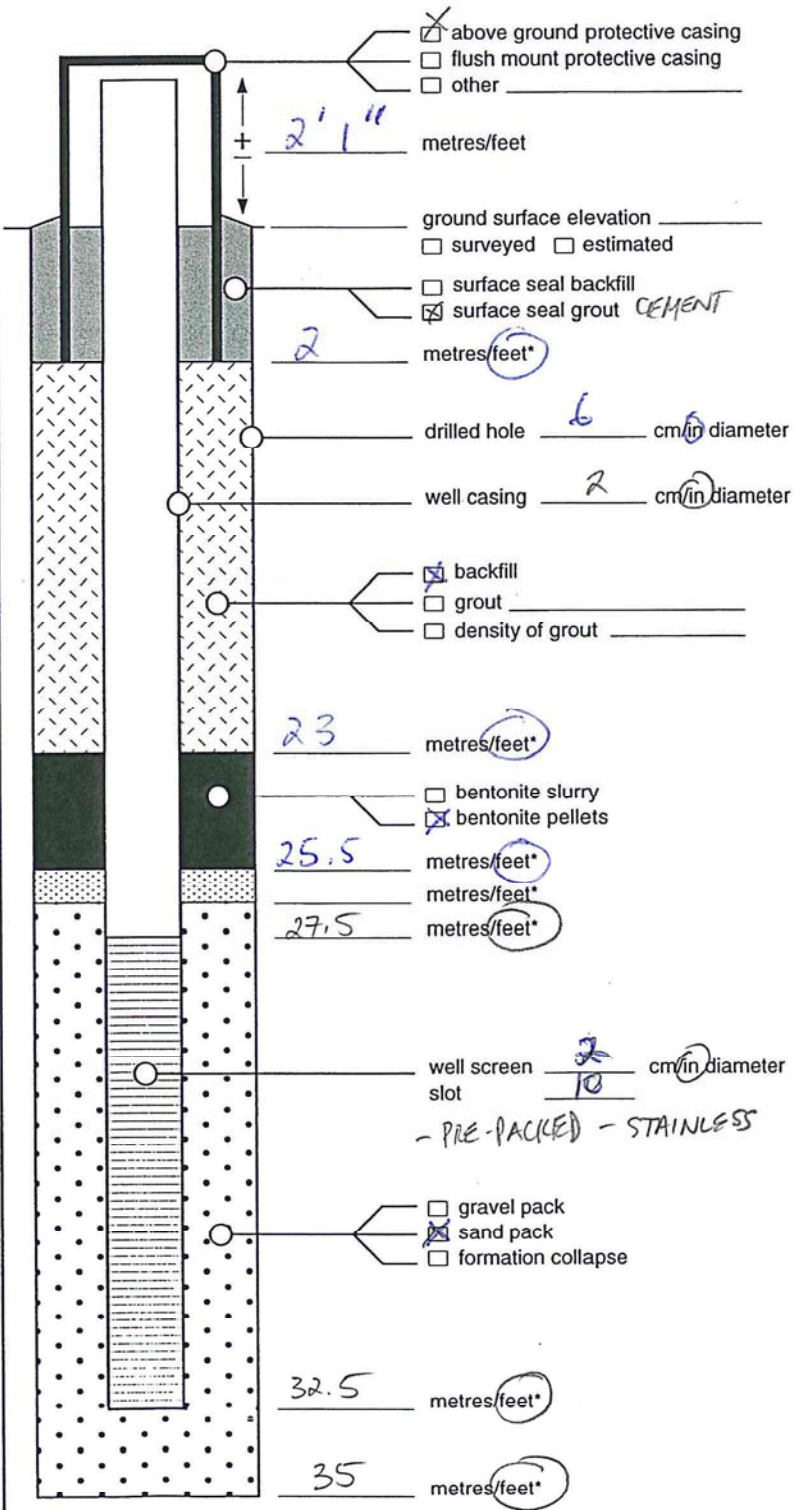
Protective Casing: Length _____ metres/feet
 Diameter _____ cm/inches
 Construction Cast Aluminum
 Cast Steel
 Steel

Casing Installation: YES (see page 2)
 NO

Sandpack:
 Coarse Sand: _____ bags of _____ kg/lb per bag Sand Gradation _____
 Fine Sand: _____ bags of _____ kg/lb per bag Sand Gradation _____

Seal:
 Bentonite Pellets: _____ bags of _____ kg/lb per bag Type _____
 Bentonite Slurry: _____ bags of _____ kg/lb per bag Type _____

Grout:
 Cement: _____ bags of _____ kg/lb per bag Type _____
 Bentonite: _____ bags of _____ kg/lb per bag Type _____



Measuring Point is Top of Well Casing
Unless Otherwise Noted

*Depth Below Ground Surface

