Public Disclosure Form



		Warrants	Derivative	Market making -	12,000	2 May 2018	\$0.4450	\$5,340.0000	342,000
		warrants	Purchase						
		Warrants	Derivative	Market making -	100,000	2 May 2018	\$0.4500	\$45,000.0000	342,000
		warrants	Purchase						
		Warrants	Derivative			2018	\$0.4550	\$17,290.0000	342,000
			warrants						

Warrants



	Warrants	Derivative	Market making -	170,000	2 May 2018	\$0.4200	\$71,400.0000	342,000
		warrants	Sale					
	Warrants	Derivative	Market making -	160,000	2 May 2018	\$0.4300	\$68,800.0000	342,000
		warrants	Sale					
	Warrants	Derivative	Market making -	106,000	2 May 2018	\$0.4350	\$46,110.0000	342,000
		warrants	Sale					
	Warrants	Derivative	Market making -	114,000	2 May 2018	\$0.4450	\$50,730.0000	342,000
		warrants	Sale					

Warrants Derivative Market making - 110,000 2 May 2018

warrants Sale

Public Disclosure Form



Warrants

Derivative warrants

Market making -

Sale

1,200 21 February

2019