Table 9. Semi-quantitative mineralogy (wt%) of bocanne samples from the Smoking Hills area, NWT.

Mineral Groups	*Silicates*		*Elemental*	*Sulphates*												*Oxides*	*Sulphides*
Sample ID	**Qtz**	**Crs**	**S**	**Alu**	**Alg**	**Brt**	**Gp**	**Htr**	**Hdt**	**Jrs**	**Mlt**	**Mks**	**Mlv**	**Rzn**	**Skl**	**Szm**	**Hem**	**Py**
GQA18-01A	20		19					45		16								
GQA18-01B	13			10			2	28						11				36
GQA18-01C			46					54										
GQA18-01D	4	6			13			46					21		10			
GQA18-01E	7	3	13			4		38		15				6				14
GQA18-02A			25					75										
GQA18-02B		8	33							17						38	5	
GQA18-02C		16	2										82					
GQA18-02D	39	61																
GQA18-04A	78		22															
GQA18-04B	34	4						51		11								
GQA18-04C	2							24	24			20	30					
GQA18-04D	28	3	56					13										
GQA18-04E	16	5	2					42	32	3								
GQA18-04F	19	18						29							26		8	
GQA18-04G	12												88					
GQA18-04H	85							15										
GQA18-22A	10							42										47
GQA18-22B								69			31							
GQA18-22C					40			60										
GQA18-22D								100										

Qtz: quartz, Crs: cristobalite, S: elemental sulphur, Alu: alunite, Alg: alunogen, Brt: barite, Gp: gypsum, Htr: halotrichite-pickeringite, Hdt: hexahydrite, Jrs: jarosite, Mlt: melanterite, Mks: mikasaite, Mlv: millosevichite, Rzn: rozenite, Skl: Steklite, Szm: szomolnokite, Hem: hematite, Py: pyrite.