AM-88-375

cd. 1of1

Crystal-structure refinement of stottite, $FeGe(OH)_6$

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For deposit: Table 4

American Mineralogist, 73, 5-6, 657-661. pp. (3)

Table 4: Observed and calculated structure factors

h	k	l	Fo	Fc	h	k	l	Fo	Fc
0	0	2	641.0400	828.2795	1	3	1	153.8300	134.9261
0	0	4	584.7900	655.8381	1	3	2	81.6000	78.7546
0	0	6	241.4700	255.8909	1	3	3	32.4200	37.8051
0	0	8	266.7900	284.8770	1	3	4	46.0600	44.9681
0	1	2	55.6100	46.4164	1	3	5	160.2600	161.3515
0	1	3	251.4400	216.0075	1	3	6	22.6400	27.9521
0	1	4	62.0300	56.9273	1	3	7	133.6200	127.0357
0	1	5	15.4500	21.8097	1	4	1	19.8900	18.5560
0	1	6	31.2900	32.4738	1	4	2	76.6800	71.4446
0	2	0	691.3000	858.4991	1	4	4	13.4600	15.6088
0	2	2	554.3300	576.1553	1	4	6	33.7200	36.0357
0	2	3	37.0200	33.6963	1	4	7	15.4500	23.2214
0	2	4	647.4700	648.1906	1	5	0	44.0400	52.9082
0	2	5	40.8600	38.1065	1	5	1	62.9200	71.1770
0	2	6	430.0700	417.3292	1	5	2	54.4400	59.8230
0	2	8	365.3800	347.0817	1	5	3	82.3000	88.7512
0	3	1	263.4200	220.2265	1	5	5	49.2200	57.0940
0	3	2	132.4600	114.8041	1	5	6	27.0500	32.1549
0	3	4	90.2500	82.5350	1	5	7	68.7600	69.0400
0	3	5	155.5200	140.4589	1	6	2	53.0100	56.3222
0	3	7	18.8300	21.1618	1	6	3	66.2900	76.4250
0	3	8	28.8800	33.8214	1	6	4	68.9700	75.7242
0	4	0	692.1500	714.7159	1	7	0	20.3300	23.1762
0	4	1	19.7300	21.2394	1	7	3	60.1900	67.6742
0	4	2	658.6400	669.3093	1	7	5	74.3800	81.0059
0	4	3	27.5900	25.2289	1	8	2	33.7800	35.8610
0	4	4	483.1600	454.6703	1	8	3	65.6500	69.7411
0	4	6	374.4100	346.9004	2	1	1	23.0000	15.1412
0	5	1	43.9600	29.6634	2	1	2	79.7900	67.3313
0	5	2	66.0900	62.5102	2	1	3	122.9800	114.3702
0	5	3	163.6000	137.2499	2	1	4	11.0700	13.0440
0	5	4	61.3500	56.3102	2	1	5	23.9000	28.2710
0	5	6	31.1800	31.3155	2	1	6	27.2700	27.4095
0	6	0	305.9500	298.4178	2	1	8	38.8400	41.5150
0	6	2	474.6400	452.7871	2	2	0	523.6500	552.6923
0	6	4	397.0400	376.7113	2	2	2	469.7900	490.7914
0	6	6	453.5500	410.1992	2	2	3	32.3900	34.1225
0	7	1	15.9300	14.1779	2	2	4	591.5300	621.9642
0	7	2	21.5800	19.4088	2	2	5	16.5000	21.5803
0	7	5	15.4600	16.4623	2	2	6	473.8800	478.1898
0	8	0	330.2000	314.1452	2	2	8	372.3200	362.7790
0	8	2	418.7700	384.4573	2	3	1	94.7700	93.8409
0	8	4	315.1000	285.7126	2	3	2	75.9500	77.6039
1	1	0	27.1000	20.4658	2	3	4	50.2300	53.5805
1	1	1	151.8800	146.7046	2	3	5	31.5200	34.0232
1	1	2	67.6100	58.1937	2	3	6	28.8200	31.3492
1	1	3	45.9400	46.9826	2	3	7	29.8400	37.3611
1	1	5	109.6800	102.0562	2	4	0	563.5600	602.8551
1	1	7	18.4800	21.6697	2	4	1	34.3500	40.3698
1	2	1	14.6800	3.2987	2	4	2	524.5000	572.6699
1	2	2	81.0800	71.5175	2	4	3	18.5200	23.5398
1	2	3	164.5000	153.3961	2	4	4	443.7800	466.1180
1	2	4	99.6800	95.8152	2	4	6	361.4500	366.5487
1	2	5	25.9000	33.0257	2	4	7	37.4300	39.3781
1	2	6	14.9800	26.2095	2	5	1	23.1000	27.9441
1	2	7	18.2000	21.4245	2	5	2	62.8400	60.8449
1	3	0	96.5800	84.6444	2	5	3	29.9200	34.5087

h	k	l	Fo	Fc
2	5	4	77.2400	77.5032
2	5	7	17.2800	21.2714
2	6	0	421.8100	477.1819
2	6	2	469.5400	482.0464
2	6	4	341.8800	365.7033
2	6	6	290.4200	306.0110
2	7	4	27.8000	30.7378
2	8	0	333.3700	376.1578
2	8	2	338.6500	369.6519
3	1	0	53.0000	45.9416
3	1	1	245.3600	228.4176
3	1	2	55.2400	48.7641
3	1	3	104.5500	96.4600
3	1	5	32.8200	28.9231
3	1	6	16.6400	19.7627
3	2	1	183.7200	164.7784
3	2	2	91.0400	87.2833
3	2	3	15.7500	19.3758
3	2	4	92.9500	91.5960
3	2	5	85.3600	79.5899
3	2	6	36.7300	32.9412
3	2	7	48.7500	50.2885
3	3	0	137.6000	130.0369
3	3	1	55.1300	56.0014
3	3	2	77.2200	72.0837
3	3	3	75.5500	75.3493
3	3	4	100.3300	98.4600
3	3	5	87.2400	82.6095
3	3	6	26.4400	33.6813
3	3	7	66.0700	67.2269
3	4	2	84.7900	87.5833
3	4	3	17.3600	25.3846
3	4	4	72.0000	76.0995
3	4	5	17.6200	20.8354
3	4	6	14.4000	17.4206
3	5	0	70.3200	73.3428
3	5	1	221.1300	216.3024
3	5	2	58.3600	63.4213
3	5	3	90.6800	95.2765
3	5	4	43.1800	48.4401
3	5	6	25.3000	31.4791
3	6	1	51.6500	61.3628
3	6	2	29.8400	40.3145
3	6	3	18.4000	21.4613
3	6	4	27.8700	33.5657
3	6	5	49.8300	53.5583
3	7	1	45.1500	47.5947
3	7	3	52.2900	55.3500
3	7	4	18.2800	22.3875
3	8	1	57.8500	59.8512
3	8	2	24.0400	32.1883
4	1	2	51.2500	41.8103
4	1	3	12.9000	21.2683
4	1	6	37.8400	40.7872
4	2	0	700.2900	703.9462
4	2	2	621.6400	660.5415
4	2	4	438.0500	429.8205
4	2	5	39.2200	34.5690
4	2	6	340.6300	324.7710
4	3	1	39.8500	45.7604
4	3	2	50.6100	54.8486
4	3	4	71.5500	73.8365
4	3	5	18.2000	20.7575
4	3	7	16.8600	19.6005
4	4	0	493.5800	494.9008
4	4	2	468.2500	476.2376
4	4	4	399.8700	409.6596
4	4	5	31.2200	32.3810
4	4	6	332.6400	336.1632
4	5	2	43.5400	50.3329
4	5	3	48.9400	58.8830
4	5	4	18.9700	26.6221
4	6	0	422.5800	449.7738
4	6	2	385.3800	381.7595
4	6	4	340.9300	355.1979
4	7	2	31.8000	36.7076
4	7	3	28.8200	36.0109
4	8	0	241.7000	274.1013
5	1	0	25.3400	26.5421
5	1	1	174.0900	155.2573
5	1	2	14.1800	12.5712
5	1	3	112.9400	103.3818
5	1	7	37.7300	34.5363
5	2	1	14.3200	20.0130
5	2	2	69.1500	64.5077
5	2	3	107.0700	99.2364
5	2	4	30.3900	31.2978
5	2	7	25.9200	22.1070
5	3	0	29.0600	29.4872
5	3	1	19.6000	24.3492
5	3	2	59.5700	58.0515
5	3	3	64.4500	65.7112
5	3	4	40.9700	38.3907
5	3	5	104.0000	99.2577
5	4	1	20.1300	23.3075
5	4	3	43.9500	38.5634
5	4	4	37.6700	40.9499
5	5	0	42.8400	44.4855
5	5	1	43.9800	49.2151
5	5	2	30.9600	29.0582
5	5	3	49.4700	54.2450
5	5	5	66.7000	72.8151
5	6	2	30.2700	32.5913
5	6	3	36.3500	43.8817
6	1	3	55.5900	52.7122
6	1	5	18.3500	25.8550
6	1	6	17.5100	19.9301
6	2	0	420.6700	395.1568
6	2	2	471.5000	487.4458
6	2	4	368.6000	347.4761
6	2	6	383.5000	345.2988
6	3	1	89.0700	80.2017
6	3	2	19.1800	22.5096
6	3	5	79.6000	70.6979
6	4	0	330.9800	313.9235
6	4	2	371.6800	348.5790
6	4	4	378.2600	360.0940
6	5	2	36.7900	34.4973

h	k	l	Fo	Fc
6	5	3	89.3200	80.8929
6	5	4	46.8600	45.6701
6	6	0	428.4100	427.1127
6	6	2	359.6500	332.0963
7	1	1	56.1000	51.7685
7	1	3	87.4400	77.4105
7	1	5	36.1400	38.0895
7	2	1	35.8400	28.3064
7	2	3	80.4000	73.7097
7	2	5	41.2100	40.4672
7	3	1	96.1100	87.1750
7	3	3	84.0000	77.2007
7	5	1	96.3900	85.7629
8	1	3	44.6400	39.7591
8	1	4	25.5700	26.3917
8	2	0	453.9600	408.6385
8	2	2	452.4400	422.4972
8	3	1	48.7800	45.6645
8	4	0	326.0800	316.0971