

TEAM NUMBER _____

SCORE _____ RANK _____

SCHOOL _____

Name _____

Name _____

**NYS Regional Science Olympiad 2006
C-Division**

Rocks & Minerals RESPONSE SHEET

Station 1 (Mineral properties)

1.

Luster	Streak color	Cleavage or Fracture	Hardness Range	Specific Gravity (Light, Med, Hvy)

Field Hardness Scale:

Fingernail - 2.5

Copper - 3.5

Glass - 5.5

2. Mineral Name: _____

Station 2 (Luster)

3. Specimen A: _____

4. Specimen B: _____

5. Specimen C: _____

6. Specimen D: _____

7. Specimen E: _____

Station 3 (Rock Classification)

Specimen	Rock Type	Characteristic
8. Rock A		
9. Rock B		
10. Rock C		
11. Rock D		
12. Rock E		

Station 4: (Ore Minerals)

Mineral Name

Element

13. Mineral A: _____

14. Mineral B: _____

15. Mineral C: _____

Station 5 (Density)

16.

a. Formula _____

b. Volume _____

c. Mass _____

d. Density _____

Station 6 (Rock-forming Minerals)

17. _____

18. _____

19. _____

20. _____

Station 7

21. _____

22. _____

23. _____

24. _____

Station 8

25. _____

26. _____

27. _____

28. _____

Station 9 (Igneous Rocks)

29. _____

30. _____

31. _____

32. _____

33. _____

Station 10

34. _____

35. _____

36. _____

37. _____

38. _____

Station 11

39. _____

40. _____

41. _____

42. _____

Station 12

43. _____

44. _____

45. _____

46. _____

Team # _____

Station 13

Softest _____ Hardest

47. _____

48. _____

49. _____

Station 14

50. _____

51. _____

52. _____

53. _____

Station 15

54. _____

55. _____

56. _____

57. _____

58. _____

Station 16

59. _____

60. _____

61. _____

62. _____

63. _____

Station 17 (Metamorphic Rocks)

64. _____

65. _____

Lowest grade Highest Grade

66. _____

67. Rock A _____

Team # _____

Station 18

68. _____

69. _____

70. _____

71. _____

72. _____

Station 19 (Sedimentary Rocks)

73. _____

74. _____

75. _____

76. _____

Station 20

77. _____

78. _____

79. _____

80. _____