



EXPLANATION

- Qu Undifferentiated Quaternary surficial deposits
- hdi Foliated hornblende diorite (tonalite sill of Brew & Ford, 1981)
- bpl Black phyllite, metagraywacke, and biotite schist, with interbedded greenstone and local felsic phyllite
- cpl Chlorite phyllite and greenstone, north of Berners Bay
- gs Greenstone, volcanic conglomerate, and chlorite phyllite with interbeds of black phyllite
- cg Conglomerate and conglomerate sandstone above unconformity, north of Berners Bay
- hdj Jualin hornblende diorite
- gsc Porphyroblastic greenschist, intruded by Jualin diorite north of Berners Bay
- grpy Gray phyllite, north of Berners Bay
- mba Metabasalt of Lions Head Peak
- am Coarse-grained amphibolite, north of Berners Bay
- Contact, dashed where inferred
- Fault, dashed where inferred
- Adit
- Adit, caved
- Shaft
- Current or historic placer gold production
- Prospect or prospect pit
- Sample location

Prospect	Type	Production
1. Ivanhoe	vein	340 oz Au
2. Hope	vein	
3. Ophir	vein	
4. Echo Bay adit		
5. Horrible	vein	min 75 oz Au
6. Mexican	vein	
7. Eureka	vein	
8. Kensington	vein	2,600 oz Au
9. Johnson	vein	
10. Kensington Tunnel		
11. Northern Belle	vein	940 oz Au
12. Bear	vein	800 oz Au
13. Comet	vein	22,250 oz Au
14. Seward	vein	
15. Sweeney Creek	vein	
16. Cumberland	vein	
17. Greek Boy	vein	
18. Gold King	vein	
19. Indiana	vein	
20. Jualin	vein	37,913 oz Au, 12,640 oz Ag
21. Snowslide Gulch	vein	
22. Thomas	vein	
23. Valentine	vein	
24. Hoggatt Creek	vein	
25. Fremming	vein or strat.	
26. Yankee Boy	vein	
27. Berners Tunnel		
28. Mystery Lode	vein or strat.	
29. Johnson Creek	placer	
30. Johnson Creek placer	placer	
31. Berners Bay	vein (?)	
32. Tacoma	vein	
33. Gold Standard	vein	
34. California	vein	
35. Gillen	vein	
36. Blue Jay	vein	
37. Maude S	vein	
38. Joyce-Jensen	vein	
39. Black Chief	vein	
40. E Pluribus Unum	vein	154 oz Au, 34 oz Ag
41. Julia	vein	
42. Puzzler	vein	
43. Cascade	vein	
44. Noonday	vein	
45. Dividend	vein	
46. Rex	vein	145 oz Au
47. Aurora Borealis	vein	150 oz Au
48. Bessie	vein	
49. Alaska Washington	vein	
50. Mother Lode	vein	
51. Eagle River	vein	19,451 oz Au, 8,865 oz Ag
52. Mt. Queen/Westover	vein	
53. Oleson	vein	
54. Mitchell/McPherson	vein	
55. Herbert Group	vein	
56. Herbert Group	placer	
57. Summit/St. Louis	vein	

Geology modified from Gehrels and Berg, 1984; Brew and Ford, 1985; and Redman, 1983. Base modified from USGS quadrangles Juneau C-3, D-3, D-4, 1:63,360.

Figure D-4. — Northern portion of the Juneau Gold Belt.