

Landtype Legend

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Landtypes are repeating map units of 5 to 500 acres using landform, geologic parent materials, slope, soil, and potential vegetation for forest and watershed level planning. Their primary purpose is to provide interpretations for soil erosion and sediment production, slope stability, revegetation potential, soil productivity, susceptibility to compaction, and suitability for management activities including livestock grazing, road building, timber growth and harvest.

Landtype mapping was completed for the nonwilderness portion of the Forest. It is not done for any wilderness areas or the Snake River National Recreation area. Exceptions are the forest portion of the Frank Church, for which some preliminary mapping has been done, and for one portion of the Gospel Hump wilderness.

10A99 Cyaquepts-Crymbrepts complex, stream bottoms

Flood plains and basins, 0-10 percent slope, alluvial deposits, sedge meadows

10AD9 Cyumbrepts-Cyraquepts-Andic Cryochrepts complex, stream bottoms

Flood plains and basins, 0-10 percent slope, alluvial deposits, wet forest and sedge meadows.

10AUU Entisols, sandy substrata, riverwash and mine dumps; 0-10 percent slope, alluvial deposits, undifferentiated vegetation

13AUU Mollisols, inceptisols, and alfisols, terraces and alluvial fans; 5-30 percent slopes, alluvial deposits, undifferentiated vegetation

22A31 Andic Dystrochrepts, low relief rolling uplands; 10-35 percent slopes, hard crystalline rock, mixed coniferous forest

22A33 Andic Dystrochrepts-Aquepts complex, low relief rolling uplands; 10-35 percent slopes, hard crystalline rocks and Tertiary sediments, mixed coniferous and wet forest

22A3C Eutric Glossoboralfs, low relief rolling uplands; 10-30 percent slopes, Tertiary sediments and metasedimentary rocks, mixed coniferous forest

22A41 Typic Vitrandepts, low relief rolling uplands; 10-40 percent slopes, hard crystalline rocks, moist mixed coniferous forest

22A4R Eutric Glossoboralfs, low relief rolling uplands, basalt substratum; 10-30 percent slopes, moist mixed coniferous forest

22A6Q Andic Cryochrepts-Cryaquepts complex, low relief rolling uplands, moderately well weathered granitic substratum; 10-35 percent slopes, subalpine and wet forest

22A6X Andic Cryochrepts, low relief rolling uplands, moderately well weathered granitic substratum; 10-40 percent slopes, subalpine forest

22A8B Entic Cryandepts-Typic Cryandepts complex; low relief rolling uplands, 10-35 percent slopes, hard crystalline rocks, cold mixed coniferous forest

22AH5 Andic Cryochrepts, low relief rolling uplands; 10-30 percent slopes, hard

crystalline rocks, cold mixed coniferous forest

22AH6 Andic Cryochrepts-Cryaquepts complex, low relief rolling uplands; 0-35 percent slopes, hard crystalline rocks and alluvial deposits, cold mixed coniferous forest and wet forest

22AHQ Andic Cryochrepts-Cryaquepts complex, low relief rolling uplands, moderately well weathered granitic substratum, warm; cold mixed coniferous forest and wet forest

22AHR Andeptic Cryoboralfs, low relief rolling uplands; 5-25 percent slopes, basalt, cold mixed coniferous forest

22AHX Andic Cryochrepts, low relief rolling uplands, moderately well weathered granitic substratum, warm; 10-35 percent slopes, cold mixed coniferous forest

24A3N Andic Dystrochrepts, dissected rolling uplands, moderately well weathered granitic substratum; 10-40 percent slopes, mixed coniferous forest

24AH5 Andic Cryochrepts, dissected rolling uplands; 10-35 percent slopes, hard crystalline rocks, cold mixed coniferous forest

24C33 Andic Dystrochrepts-Aquepts complex, moderate relief rolling uplands; 25-45 percent slopes, hard crystalline rocks and alluvial deposits, mixed coniferous and wet forest

24C38 Andic Dystrochrepts-Typic Dystrochrepts complex, moderate relief rolling uplands; 25-50 percent slopes, hard crystalline rocks, mixed coniferous forest

24C3C Eutric Glossoboralfs, moderate relief rolling uplands; 25-45 percent slopes, Tertiary sediment and metasedimentary rocks, mixed coniferous forest

24C41 Typic Vitrandepts, moderate relief rolling uplands; 25-45 percent slopes, hard crystalline rocks, moist mixed coniferous forest

24C65 Andic Cryochrepts, moderate relief rolling uplands; 25-45 percent slopes, hard crystalline rocks, subalpine forest

24C8B Entic Cryandepts-Typic Cryandepts complex, moderate relief rolling uplands; 25-45 percent slopes, hard crystalline rocks, cold mixed coniferous forest and moist forest openings

24CH5 Andic Cryochrepts, moderate relief rolling uplands, warm; 25-50 percent slopes, hard crystalline rocks, cold mixed coniferous forest

24CH6 Andic Cryochrepts-Cryaquepts complex, moderate relief rolling uplands; 25-45 percent slopes, hard crystalline rocks and alluvial deposits, cold mixed coniferous forest and wet forest

24CHQ Andic Cryochrepts-Cryaquepts complex, moderate relief rolling uplands, moderately well weathered granitic substratum; 25-45 percent slope, cold mixed coniferous forest and wet forest

24CHX Andic Cryochrepts, moderate relief rolling uplands, moderately well weathered granitic substratum; 25-50 percent slopes, cold mixed coniferous forest

27A2J Lithic Ultic Argixerolls-Ultic Argixerolls complex, tablelands; 10-25 percent slopes, andesite and basalt, open dry coniferous forest

27A3F Ultic Argixerolls, tablelands; 10-25 percent slopes, basalt, dry mixed coniferous forest

31C1E Ultic Argixerolls, moderately steep mountain slopes, dry; 30-45 percent slopes, andesite and basalt, open dry coniferous forest

31C24 Ultic Haploxerolls, moderately steep mountain slopes; 25-45 percent slopes, hard crystalline rocks, open dry coniferous forest

31C2E Ultic Argixerolls, moderately steep mountain slopes; 30-50 percent slopes, andesite and basalt, open dry coniferous forest

31C38 Andic Dystrochrepts-Typic Dystrochrepts complex, moderately steep mountain slopes; 25-50 percent slopes, hard crystalline rocks, mixed coniferous forest

31C3C Eutric Glossoboralfs, moderately steep mountain slopes; 25-45 percent slopes, Tertiary sediment and metasedimentary rocks, mixed coniferous forest

31C3F Ultic Argixerolls, moderately steep mountain slopes, moist; 25-45 percent slopes, andesite and basalt, dry mixed coniferous forest

31C3R Eutric Glossoboralfs, moderately steep mountain slopes, basalt substratum; 25-50 percent slopes, mixed coniferous forest

31C41 Andic Dystrochrepts, moderately steep mountain slopes; 25-50 percent slopes, hard crystalline rocks, moist mixed coniferous forest

31C65 Andic Cryochrepts, moderately steep mountain slopes; 30-45 percent slopes, hard crystalline rocks, subalpine forest

31C8B Entic Cryandepts-Typic Cryandepts complex, moderately steep mountain slopes; 25-45 percent slopes, hard crystalline rocks, cold mixed coniferous forest and moist forest openings

31CH5 Andic Cryochrepts, moderately steep mountain slopes, warm; 25-50 percent slopes, hard crystalline rocks, cold mixed coniferous forest

31D14 Ultic haploxerolls, steep mountain slopes, dry; 30-60 percent slopes, hard crystalline rocks, grassland

31D1E Ultic Argixerolls, steep mountain slopes, dry; 45-60 percent slopes, andesite and basalt, grassland

31D24 Ultic Haploxerolls, steep mountain slopes; 45-60 percent slopes, hard crystalline rocks, open dry coniferous forest

31D38 Typic Dystrochrepts-Andic Dystrochrepts complex, steep mountain slopes; 45-70 percent slopes, hard crystalline rocks, mixed coniferous forest

31D3F Ultic Argixerolls, steep mountain slopes; 45-60 percent slopes, basalt, dry mixed coniferous forest

31D48 Typic dystrochrepts-Typic Vitrandepts complex, steep mountain slopes; 45-60 percent slopes, hard crystalline rocks, moist mixed coniferous forest

31D67 Dystric Cryochrepts, steep mountain slopes; 45-60 percent slopes, hard crystalline rocks, subalpine forest

31D77 Entic Cryumbrepts-rock outcrop complex, steep mountain slopes; 40-60 percent slopes, hard crystalline rocks, open subalpine forest

31D8B Entic Cryandepts-Typic Cryandepts complex, steep mountain slopes; 40-60 percent slopes, hard crystalline rocks, cold mixed coniferous forest and moist forest openings

31DH7 Andic Cryochrepts-Dystric Cryochrepts complex, steep mountain slopes; 45-60 percent slopes, cold mixed coniferous forest

31DHP Dystric Cryochrepts, steep mountain slopes; 40-60 percent slopes, basalt, cold mixed coniferous forest

32A65 Andic Cryochrepts, gently sloping convex mountain slopes; 10-30 percent slopes, hard crystalline rocks, subalpine forest

32A66 Andic Cryochrepts-Cryaquepts complex, gently sloping convex mountain slopes; 15-35 percent slopes, hard crystalline rocks and alluvial deposits, cold mixed coniferous forest and moist forest openings

32A8B Entic Cryandepts-Typic Cryandepts complex, gently sloping convex mountain slopes; hard crystalline rocks, cold mixed coniferous forest and moist forest openings

32AH5 Entic Cryandepts, gently sloping convex mountain slopes; 10-30 percent slopes, hard crystalline rocks, cold mixed coniferous forest

32AHP Mollic Cryoboralfs, gently sloping convex mountain slopes; 10-40 percent slopes, andesite and basalt, andesite and basalt

32C65 Entic Cryandepts, moderately steep convex mountain slopes; 25-45 percent slopes, hard crystalline rocks, subalpine forest

32C8B Entic Cryandepts-Typic Cryandepts complex, moderately steep convex mountain slopes; 25-50 percent slopes, hard crystalline rocks, cold mixed coniferous forest and moist forest openings

32CH5 Andic Cryochrepts, moderately steep convex mountain slopes; 25-50 percent slopes, hard crystalline rocks, cold mixed coniferous forest

32CHP Dystric Cryochrepts, moderately steep convex mountain slopes; 30-45 percent slopes, andesite and basalt, cold mixed coniferous forest

33A65 Andic Cryochrepts, broadly convex ridges; 5-30 percent slopes, hard crystalline rocks, subalpine forest

33A67 Andic Cryochrepts, broadly convex ridges, cold; 10-30 percent slopes, hard crystalline rocks, open subalpine forest

33C65 Andic Cryochrepts, moderately steep broadly convex ridges; 30-45 percent slopes, hard crystalline rocks, subalpine forest

33C6P Dystric Cryochrepts, moderately steep broadly convex ridges; 20-45 percent slopes, andesite and basalt, subalpine forest

33C77 Typic Cryandepts-rock outcrop complex, moderately steep broadly convex ridges; 20-45 percent slopes, hard crystalline rock, open subalpine forest

33CA7 Typic Cryandepts, moderately steep broadly convex ridges; 10-50 percent slopes, granitics and andesite, grassy balds

36A66 Andic Cryochrepts-Cryaquepts complex, gently sloping depressions; 10-35 percent slopes, hard crystalline rocks and alluvial deposits, subalpine and wet forest

36C66 Andic Cryochrepts-Cryaquepts complex, depressions; 25-45 percent slopes, hard crystalline rocks and alluvial deposits, subalpine and wet forest

41E67 Cryumbrepts-Cryochrepts-rock outcrop complex, glacial cirques; hard crystalline rocks, 40->100 percent slopes, subalpine and open subalpine forest

42D67 Andic Cryochrepts-Dystric Cryochrepts complex, glacial cirques; 40-60 percent slopes, hard crystalline rocks, subalpine and open subalpine forest

42E67 Dystric Cryochrepts-Antic Cryumbrepts complex, glacial cirques; 60-80 percent slopes, hard crystalline rocks, subalpine and open subalpine forest

46A66 Andic Cryochrepts-Typic Cryandepts complex, gently sloping moraines; 10-35 percent slopes, glacial till, subalpine and wet forest

46AH5 Entic Cryandepts, gently sloping moraines; 10-30 percent slopes, glacial till, subalpine forest

46AHC Eutric Glossoboralfs, gently sloping moraines, glacial till, mixed coniferous forest

46C65 Andic Cryochrepts and Dystric Cryochrepts, moderately steep moraines; 25-45 percent slopes, glacial till, cold mixed coniferous forest and subalpine forest

46C66 Andic Cryochrepts-Cryaquepts complex, moderately steep moraines; 25-45 percent slopes, glacial till, subalpine and wet forest

46D67 Dystric Cryochrepts, steep moraines; 45-60 percent slopes, glacial till, cold mixed coniferous forest and subalpine forest

46D6P Dystric Cryochrepts-typic Cryandepts complex, steep moraines; 40-60 percent slopes, glacial till, cold mixed coniferous forest and grassy balds

47A66 Cryandepts-Cryumbrepts complex, glacial trough bottoms; 0-25 percent slopes, glacial till, subalpine and cold mixed coniferous forest

47A6P Dystric Cryochrepts, glacial trough bottoms; 5-40 percent slopes, andesitic glacial till, subalpine and cold mixed coniferous forest

48C65 Andic Cryochrepts, glacial trough walls; 25-50 percent slopes, hard crystalline rocks and glacial till, cold mixed coniferous forest and subalpine forest

48C6P Dystric Cryochrepts, glacial trough walls; 30-45 percent slopes, andesite and glacial till, subalpine and open subalpine forest

48D67 Dystric Cryochrepts-Entic Cryumbrepts complex, steep glacial trough walls; 40-60 percent slopes, hard crystalline rock and glacial till, subalpine and open subalpine forest

48DH7 Dystric Cryochrepts-entic Cryandepts complex, steep glacial trough walls; 40-60 percent slopes, hard crystalline rocks, cold mixed coniferous forest and subalpine forest

48DHP Dystric Cryochrepts, steep glacial trough walls; 45-60 percent slopes, andesite, Cold mixed coniferous forest and subalpine forest.

48E67 Dystric Cryochrepts-Rock outcrop complex, very steep glacial trough walls; 60-80 percent slopes, hard crystalline rock, cold mixed coniferous forest and subalpine forest

48E6P Dystric Cryochrepts-Rock outcrop complex, very steep glacial trough walls; 60-80 percent slopes, andesite, cold mixed coniferous forest and subalpine forest

48E77 Entic Cryumbrepts-rock outcrop complex, very steep glacial trough walls; 60-90 percent slopes, hard crystalline rock, open subalpine forest

50CUU Inceptisols, Mollisols, and Alfisols, moderately steep landslides; 20-50 percent slopes, well weathered rocks, undifferentiated vegetation

50EUU Inceptisols, Mollisols, and Alfisols, very steep landslides; 45-80 percent slopes, well weathered rocks, undifferentiated vegetation.

60E1E Ultic Argixerolls, undissected stream breaklands, dry; 50-70 percent slopes, andesite and basalt, grassland

60E3F Ultic Argixerolls, undissected stream breaklands; 50-70 percent slopes, andesite and basalt, dry mixed coniferous forest

60E48 Typic Dystrochrepts-Typic Vitrandepts complex, undissected stream breaklands; 50-80 percent slopes, hard crystalline rocks, moist mixed coniferous forest

60E67 Dystric Cryochrepts-Entic Cryandepts complex, undissected stream breaklands; 50-70 percent slopes, hard crystalline rocks, subalpine and open subalpine forest

61E12 Lithic Ultic Haploxerolls-rock outcrop complex, dissected stream breaklands, dry; 60-90 percent slopes, hard crystalline rocks, grassland

61E14 Ultic Haploxerolls-rock outcrop complex, dissected stream breaklands, dry; 60-90 percent slopes, hard crystalline rocks, grassland

61E1E Ultic Argixerolls-rock outcrop complex, dissected stream breaklands, dry; 50-80 percent slopes, andesite and basalt, grassland.

61E1J Lithic Ultic Argixerolls-rock outcrop complex, dissected stream breaklands; 60->100 percent slopes, andesite and basalt, grassland.

61E22 Lithic Ultic Haploxerolls-rock outcrop complex, dissected stream breaklands; 70->100 percent slopes, hard crystalline rocks, open dry coniferous forest.

61E24 Ultic Haploxerolls-rock outcrop complex, dissected stream breaklands; 60-900 percent slopes, hard crystalline rocks, open dry coniferous forest.

61E2E Ultic Argixerolls-rock outcrop complex, dissected stream breaklands; 50-80 percent slopes, andesite and basalt, open dry coniferous forest.

61E2J Rock outcrop-Ultic Argixerolls complex, dissected stream breaklands; 60->100 percent slopes, andesite and basalt, open dry coniferous forest

61E32 Typic Dystrochrepts-rock outcrop complex, dissected stream breaklands; 60->100 percent slopes, hard crystalline rocks, mixed coniferous and dry mixed coniferous forest.

61E38 Typic Dystrochrepts, dissected stream breaklands; 60-90 percent slopes, hard crystalline rocks, mixed coniferous forest.

61E3F Ultic Argixerolls, dissected stream breaklands, moist; 50-70 percent slopes, andesite and basalt, dry mixed coniferous forest.

61E48 Typic Dystrochrepts-Typic Vitrandepts complex, dissected stream breaklands; 60-90 percent slopes, hard crystalline rocks, moist mixed coniferous forest.

61E67 Dystric Cryochrepts-rock outcrop complex, dissected stream breaklands; 60-80 percent slopes, hard crystalline rocks, subalpine forest.

61E8B Dystric Cryochrepts-Typic Cryandepts complex, dissected stream breaklands; 60-80 percent slopes, hard crystalline rocks, cold mixed coniferous forest and moist forest openings.

61EH7 Dystric Cryochrepts, dissected stream breaklands, warm; 60-80 percent slopes, hard crystalline rocks, cold mixed coniferous forest.

61EHP Dystric Cryochrepts, dissected stream breaklands, andesite substratum; 50-70 percent slopes, cold mixed coniferous forest.

61ENZ Rock outcrop; dissected stream breaklands.

63E1J Lithic Ultic Argixerolls-rock outcrop complex, stream headlands; 50-80 percent slopes, andesite and basalt, grassland.

63E38 Typic Dystrochrepts, stream headlands; 45-80 percent slopes, hard crystalline rocks, mixed coniferous forest.