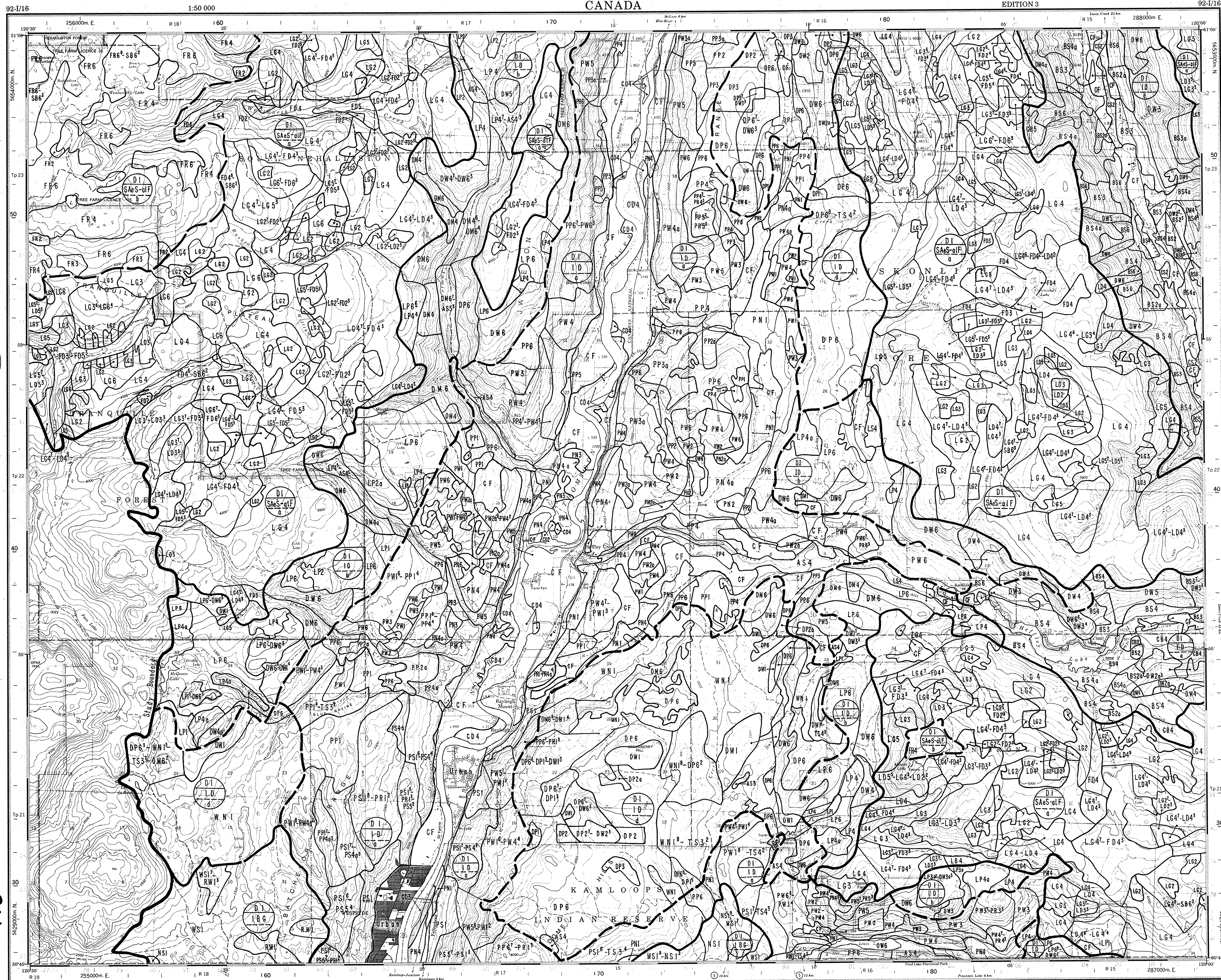


KAMLOOPS LAKE
1985, 92/1/16

CANADA

EDITION 3

92-1/16



VEGETATION LANDSCAPES OF
THE KAMLOOPS LAKE STUDY AREA

1. Explanatory Notes

This vegetation map depicts Vegetation Regions, Zones and Subzones and Vegetation Landscape Units.

A Vegetation Region is an area in which broad regional climate and physiography determine the distinctive vegetation pattern of an area. A Vegetation Zone is an area in which the dominant vegetation of climatic zones on similar soils and terrain is similar. A Vegetation Subzone is an area within a zone defined on the basis of climate-related successional trends of the dominant vegetation. A Vegetation Landscape Unit is an area that is relatively homogeneous with respect to soils, topographic materials, topography, climate and successional trends. Vegetation Landscapes are divided into stages which have similar disturbance history. These units and mapping methodology are described in Lee and van Borneville (in preparation).

Vegetation is mapped at a scale of 1:50 000 for part of the National Topographic Series (NTS) mapsheet 92/1/16.

Reports and an expanded legend are available for the study area (see Box 9).

2. Map Boundaries

Vegetation Zone
Vegetation Subzone
Vegetation Landscape Unit

3. Examples of Map Symbols

Vegetation Region, Zone, and Subzone (see Box 5 and 6)
Vegetation Landscape Unit (see Box 7)

4. Composite Units

Composite units are used where two or three types of landscape units are so distributed that they cannot be designated as separate units at the scale of mapping.

Superscript numbers show the relative percentages, in tons, of each landscape unit.

60% of unit 40% of unit

5. Vegetation Region

| MAP SYMBOL | REGION |
|------------|--------------------------|
| (D1) | Dry Interior Region (D1) |

6. Vegetation Zones and Subzones

| MAP SYMBOL | ZONE | SUBZONE |
|------------|--|---------|
| (D1) | Interior Bunch Grass Zone (IBG) | |
| (D1) | Interior Douglas-Fir Zone (ID) | |
| (D1) | Ponderosa Pine Subzone (a) | |
| (D1) | | |
| (D1) | Lodgepole Pine Subzone (b) | |
| (D1) | | |
| (D1) | Rocky Mountain Juniper - Douglas-Fir Subzone (c) | |
| (D1) | | |
| (D1) | Paper Birch - Trembling Aspen Subzone (e) | |
| (D1) | | |
| (D1) | Interior White Spruce Zone (IWS) | |
| (D1) | | |
| (D1) | Subalpine Engelmann Spruce - Alpine Fir Zone (SAE-aif) | |
| (D1) | | |
| (D1) | Douglas-Fir - Lodgepole Pine Subzone (a) | |
| (D1) | | |
| (D1) | Lodgepole Pine Subzone (b) | |
| (D1) | | |

7. Vegetation Landscapes and Stages

7.1.1 Vegetation Landscapes of the Interior Bunch Grass Zone (IBG)

| MAP SYMBOL | Vegetation Landscape |
|------------|---|
| CF | Black cottonwood - red-osier dogwood |
| CF | Cultivated field |
| CF | Wetland |
| DM | Needle-and-thorn grass - big sagebrush |
| DM | Shallow open water complex |
| DM | Common rabbitbrush - bluish-wheat grass |
| DM | Common saskatoon - prairie sagebrush |
| DM | Big sagebrush - prairie sagebrush |
| DM | Trembling aspen - common snowberry |
| DM | Bluish-wheat grass - big sagebrush |
| DM | Bluish-wheat grass - big sagebrush |

7.1.2 Vegetation Landscapes of the Interior Douglas-Fir Zone: Ponderosa Pine Subzone (a)

| MAP SYMBOL | Vegetation Landscape |
|------------|-------------------------------------|
| AS | Trembling aspen - white spruce |
| CF | Cultivated field |
| DM | Shallow open water complex |
| DM | Ponderosa pine - needle grass |
| DM | Ponderosa pine - pine grass |
| DM | Ponderosa pine - common rabbitbrush |
| DM | Ponderosa pine - big sagebrush |
| DM | Ponderosa pine - bluish-wheat grass |
| DM | Trembling aspen - common snowberry |

7.1.3 Vegetation Landscapes of the Interior Douglas-Fir Zone: Lodgepole Pine Subzone (b)

| MAP SYMBOL | Vegetation Landscape |
|------------|----------------------------------|
| AS | Trembling aspen - white spruce |
| CF | Cultivated field |
| DM | Shallow open water complex |
| DM | Douglas-fir - bluish-wheat grass |
| DM | Lodgepole pine - spruce |
| DM | Wetland |
| DM | Wetland sedge fen complex |

7.1.4 Vegetation Landscapes of the Interior Douglas-Fir Zone: Rocky Mountain Juniper - Douglas-Fir Subzone (c)

| MAP SYMBOL | Vegetation Landscape |
|------------|------------------------------------|
| AS | Trembling aspen - white spruce |
| CF | Cultivated field |
| DM | Shallow open water complex |
| DM | Douglas-fir - pine grass |
| DM | Douglas-fir - bluish-wheat grass |
| DM | Shallow open water complex |
| DM | Trembling aspen - common snowberry |
| DM | Bluish-wheat grass - needle grass |

7.1.5 Vegetation Landscapes of the Interior Douglas-Fir Zone: Paper Birch - Trembling Aspen Subzone (e)

| MAP SYMBOL | Vegetation Landscape |
|------------|-------------------------------------|
| AS | Paper birch - common snowberry |
| AS | Western red cedar - Oregon hawthorn |
| CF | Cultivated field |
| DM | Black cottonwood - white spruce |
| DM | Douglas-fir - bluish-wheat grass |

7.1.6 Vegetation Landscapes of the Interior White Spruce Zone (IWS)

| MAP SYMBOL | Vegetation Landscape |
|------------|---------------------------------------|
| CF | Cultivated field |
| DM | Shallow open water complex |
| DM | Lodgepole pine - common juniper |
| DM | Lodgepole pine - white spruce |
| DM | White spruce - twigsberry honeysuckle |
| DM | Wetland sedge fen complex |

7.1.7 Vegetation Landscapes of the Subalpine Engelmann Spruce - Alpine Fir Zone: Douglas-Fir - Lodgepole Pine Subzone (a)

| MAP SYMBOL | Vegetation Landscape |
|------------|---|
| CF | Cultivated field |
| DM | Shallow open water complex |
| DM | Alpine fir - red-osier dogwood |
| DM | Lodgepole pine - Douglas-fir |
| DM | Lodgepole pine - grossberry |
| DM | Alpine fir - glaucous-leaved Labrador tea |
| DM | Alpine fir - glaucous-leaved Labrador tea |

7.1.8 Vegetation Landscapes of the Subalpine Engelmann Spruce - Alpine Fir Zone: Lodgepole Pine Subzone (b)

| MAP SYMBOL | Vegetation Landscape |
|------------|---|
| CF | Alpine fir - grossberry |
| DM | Alpine fir - white-flowered rhododendron |
| DM | Alpine fir - glaucous-leaved Labrador tea |
| DM | Alpine fir - glaucous-leaved Labrador tea |

7.2. SUCCESSIONAL STAGES

| MAP SYMBOL | Vegetation Landscape |
|------------|--|
| 1 | Severe disturbance (pioneer seral) |
| 2 | Recent disturbance with veteran Douglas-fir |
| 3 | Young seral or young climax (less than 50 years) |
| 4 | Young seral or young climax with veteran Douglas-fir |
| 5 | Maturing seral (50 to 100 years) |
| 6 | Maturing seral with veteran Douglas-fir |
| 7 | Overmature seral (greater than 100 years) |
| 8 | Climax (greater than 60 years) |

8. Sources of Information

a) British Columbia Ministry of Forests
 (1) Forest Cover Map
 - Kamloops P.S.T.V. - 92/1/16
 - 1983 Historic Office Update 1:50 000
 (2) Research Branch Data - Kamloops Region - Vegetation and soil survey - 150 plots
 b) British Columbia Ministry of Environment, Terrestrial Studies Branch
 (1) Vegetation and soil survey (1981, 1984) - 85 plots
 (2) Soil and Terrain maps (1976) 1:50 000 (form, 1976)
 (3) Dendro/Tranquille River map (Lee, 1984) and report (Lee et al., 1985)
 (4) Dendro/Tranquille River map (Lee, 1984)
 c) British Columbia Ministry of Environment, Surveys and Resource Mapping Branch
 (1) 1:50 000 aerial photographs (1976)

9. For Further Information

a) References
 Lee, E.C. 1984. Explanatory Legend for Dendro - Tranquille River Branch, British Columbia Ministry of Environment. 42 pp.
 Lee, E.C., T. Vold and R.J. Williams. 1985. Dendro - Tranquille River wildlife habitat study. Volume 2: Biophysical Inventory. NCE Technical Report No. 14. British Columbia Ministry of Environment, Victoria, British Columbia.
 Lee, E.C. and J.W. van Borneville (in preparation). Bio-physical vegetation mapping methodology. British Columbia Ministry of Environment and Parks, Victoria, British Columbia.
 Tomlin, G.A. 1976. Soil maps of the Ashcroft Area 92/1, 10, 15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

927/1/16

HEFFLEY CREEK
KAMLOOPS DIVISION OF YALE LAND DISTRICT
BRITISH COLUMBIA
WEST SIXTH MERIDIAN OUEST DU SIXIEME MERIDIEN
Scale 1:50 000 Echelle

CONVERSION SCALE FOR ELEVATIONS
Meters 0 100 200 300 400 500 600 700 800 900 1000
Feet 0 300 600 900 1200 1500 1800 2100 2400 2700 3000

CONTOUR INTERVAL 100 FEET
Elevation in feet above Mean Sea Level
Height Above Sea Level 1000'

CONTOUR INTERVAL 100 METERS
Elevation in meters above Mean Sea Level
Hauteur au-dessus du Niveau de la Mer 1000'

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