WETLAND DETERMINATION DATA FORM - Alaska Region

| Project/Site: Susitna-Watana Hydroelectric Project | Borough/City: | Matanuska-Susitna Borough | Sampling Date: | 11-Jul-13 |
|---|--|---|-------------------|-------------|
| Applicant/Owner: Alaska Energy Authority | | Sampli | ng Point:S | W13_T126_12 |
| Investigator(s): SLI, SCB | Landform (hill | side, terrace, hummocks etc.): | Floodplain | |
| Local relief (concave, convex, none): undulating | Slope: | % /° Elevation: _780 |) | |
| Subregion : Southcentral Alaska La | it.: 62.886001614 | Long.: -149.388118 | 306 C | atum: WGS84 |
| Soil Map Unit Name: | | NWI class | ification: Uplane | d |
| | year? Yes cantly disturbed? Ily problematic? | No (If no, explain in Are "Normal Circumstances" (If needed, explain any answ | 'present? Yes | |
| SUMMARY OF FINDINGS - Attach site map showing s | sampling point | locations, transects, impor | tant features, | etc. |
| Hydrophytic Vegetation Present? Yes \bigcirc No $oldsymbol{igodol}$ | la | the Compled Area | | |

| Hydric Soil Present? Wetland Hydrology Present? | Yes ○ Yes ● | No 🖲 No | is the Sampled Area within a Wetland? | Yes 🔿 No 🖲 | |
|--|----------------|------------|---------------------------------------|------------|--|
| | | | | | |

Remarks: seasonally flooded riparian willow community dominated by tall salix alaxensis

VEGETATION - Use scientific names of plants. List all species in the plot.

| Tree Stratum % Cover Species? Status Number of Dominant Species A 1 Salix alaxensis 5 7 FAC Total Number of Dominant 6 (B) 2. Populus balsamifera 2 7 FAC Total Number of Dominant 5 6 (B) 3. 0 < | | | | Abso | lute | Dominant | Indicator | Dominance Test worksheet: |
|---|-----|--------------------------|-----------------------|------|-------|-----------------|-----------|--|
| 1. Salix alaxensis 5 ✓ FAC Total Number of Dominant 2. Populus balsamifera 2 ✓ FAC Total Number of Dominant 3. 0 0 Percent of dominant Species 6 (B) 4. 0 0 Prevalence Index worksheet: Total Aver OBL, FACW, or FAC: 50.0% (A/B) 5. 0 Columnation 50% of Total Cover: 1.4 Prevalence Index worksheet: Total % Cover of: Multiply by: 2. Oplopanax horridus 10 FACU FACU FACU Species 0 x 1 = 0 3. 0 0 FACU FACU Species 0 x 3 = 273 4. 0 0 FACU FACU Species 0 x 3 = 273 5. 0 0 FACU Species 0 x 4 = 276 4. 0 0 Column Totals: 160 (A) 549 (B) 6. 0 0 Column Totals: 160 (A) 549 (B) 7. 0 0 0 | Tre | e Stratum | | | | | | |
| 2. Populus balsamifera 2 ✓ FACU Species Across All Strata: 6 (B) 3. | 1. | Salix alaxensis | | | 5 | \checkmark | FAC | |
| 3. 0 | 2. | Populus balsamifera | | | 2 | \checkmark | FACU | |
| 4. 0 | 3. | | | | 0 | | | Percent of dominant Species |
| 5. | 4. | | | - | 0 | | | |
| Total Cover: Saping/Shrub Stratum 50% of Total Cover: | 5. | | | | 0 | | | Prevalence Index worksheet: |
| 1. Salix alaxensis 70 \overrightarrow{FAC} \overrightarrow{FAC} \overrightarrow{FAC} \overrightarrow{FAC} 2. Oplopanax horridus 10 \overrightarrow{FAC} \overrightarrow{FAC} \overrightarrow{FAC} \overrightarrow{FAC} 3. 0 0 \overrightarrow{FAC} | | | Total Cover: | _ | 7 | | | |
| 1. Joint alazeriss 70 Image: FACU problem archive structure in the structure in th | Sap | ling/Shrub Stratum | 50% of Total Cover: | 3.5 | 20% (| of Total Cover: | 1.4 | OBL Species $0 \times 1 = 0$ |
| 2. Oplopanax horridus 10 □ FACU FAC Species 91 x 3 = 273 3. 0 □ 0 □ FACU Species 69 x 4 = 276 4. 0 □ □ □ FACU Species 69 x 4 = 276 5. 0 □ | 1. | Salix alaxensis | | | 70 | \checkmark | FAC | FACW Species 0 x 2 = 0 |
| 3. 0 | 2. | Oplopanax horridus | | | 10 | | FACU | FAC Species x 3 =273 |
| 4. 0 | 3. | | | | 0 | | | FACU Species69 x 4 =276 |
| 5. 0 | 4. | | | | 0 | | | UPL Species x 5 = |
| 6. 0 | | | | | 0 | | | Column Totals: 160 (A) 549 (B) |
| 7. 0 0 0 0 8. 0 0 0 0 9. 0 0 0 0 0 10. 0 0 0 0 0 0 Herb Stratum 50% of Total Cover: 80 0 <td< td=""><td>6.</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td></td<> | 6. | | | | 0 | | | |
| 8. 0 | | | | | 0 | | | Prevalence Index = $B/A = 3.431$ |
| 9. 0 | | | | | 0 | | | Hydrophytic Vegetation Indicators: |
| 10. 0 0 Prevalence Index is ≤ 3.0 Herb Stratum 50% of Total Cover: 40 20% of Total Cover: 16 1. Heracleum maximum 25 ✓ FACU Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) 2. Dryopteris expansa 15 ✓ FACU Problematic Hydrophytic Vegetation ¹ (Explain) 3. Equisetum arvense 15 ✓ FACU 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 4. Streptopus amplexifolius 5 FACU Plot size (radius, or length x width) 10m 5. Gymnocarpium dryopteris 5 FACU % Cover of Wetland Bryophytes (Where applicable) 7. Mertensia paniculata 2 FACU % Bare Ground 20 20 9. 0 0 1 FAC Hydrophytic Vegetation Hydrophytic 9. 0 0 1 FAC Hydrophytic Vegetation Hydrophytic | | | | | 0 | | | Dominance Test is > 50% |
| Total Cover:80 | | | | | 0 | | | Prevalence Index is ≤ 3.0 |
| Herb Stratum 50% of Total Cover: 40 20% of Total Cover: 16 Remarks or on a separate sheet) 1. Heracleum maximum 25 Image: Construction of the separate sheet) Image: Construction of the separate sheet) 2. Dryopteris expansa 15 Image: Construction of the separate sheet) Image: Construction of the separate sheet) 3. Equisetum arvense 15 Image: Construction of the separate sheet) Image: Construction of the separate sheet) 4. Streptopus amplexifolius 5 Image: Construction of the separate sheet) Image: Construction of the separate sheet) 5. Gymnocarpium dryopteris 5 Image: FACU Problematic Hydrophytic Vegetation 1 (Explain) 6. Chamerion angustifolium 5 Image: FACU Plot size (radius, or length x width) 10m 7. Mertensia paniculata 2 Image: FACU % Bare Ground 20 10 9. 0 1 Image: FACU % Bare Ground 20 10 10 9. 0 1 Image: FACU % Bare Ground 20 10 10 9. 0 1 73 73 </td <td></td> <td></td> <td></td> <td></td> <td>80</td> <td></td> <td></td> <td>Morphological Adaptations¹ (Provide supporting data in</td> | | | | | 80 | | | Morphological Adaptations ¹ (Provide supporting data in |
| 2. Dryopteris expansa 15 ✓ FACU ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 3. Equisetum arvense 15 ✓ FAC Plot size (radius, or length x width) 10m 4. Streptopus amplexifolius 5 ✓ FACU Plot size (radius, or length x width) 10m 5. Gymnocarpium dryopteris 5 ✓ FACU Plot size (radius, or length x width) 10m 6. Chamerion angustifolium 5 ✓ FACU Where applicable) ✓ 7. Mertensia paniculata 2 ✓ FACU % Bare Ground 20 ✓ 8. Aconitum delphinifolium 1 ✓ FAC ✓ Hydrophytic ✓ 9. 0 ✓ 73 ✓ ✓ Hydrophytic ✓ | Her | b Stratum | 50% of Total Cover: | 40 | 20% | of Total Cover: | 16 | |
| 3. Equisetum arvense 15 FAC 4. Streptopus amplexifolius 5 FACU 5. Gymnocarpium dryopteris 5 FACU 6. Chamerion angustifolium 5 FACU 7. Mertensia paniculata 2 FACU 8. Aconitum delphinifolium 1 FAC 9. 0 | 1. | Heracleum maximum | | | 25 | \checkmark | FACU | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 3. Equisedim diverse 1.5 IAC 4. Streptopus amplexifolius 5 FACU 5. Gymnocarpium dryopteris 5 FACU 6. Chamerion angustifolium 5 FACU 7. Mertensia paniculata 2 FACU 8. Aconitum delphinifolium 1 FAC 9. 0 | 2. | Dryopteris expansa | | | 15 | | FACU | ¹ Indicators of hydric soil and wetland hydrology must |
| 5. Gymnocarpium dryopteris 5 FACU Plot size (radius, or length x width) 10m 6. Chamerion angustifolium 5 FACU FACU % Cover of Wetland Bryophytes (Where applicable) 7. Mertensia paniculata 2 FACU FACU % Bare Ground 20 8. Aconitum delphinifolium 1 FAC Total Cover: Total Cover: 73 | 3. | Equisetum arvense | | | 15 | \checkmark | FAC | be present, unless disturbed or problematic. |
| 5. Gymnocarpium dryopteris 5 FACU % Cover of Wetland Bryophytes 6. Chamerion angustifolium 5 FACU % Cover of Wetland Bryophytes 7. Mertensia paniculata 2 FACU % Bare Ground 20 8. Aconitum delphinifolium 1 FAC Total Cover of Bryophytes 10 9. 0 - - Hydrophytic 10 10. Total Cover: 73 - Hydrophytic | 4. | Streptopus amplexifolius | | | | | FACU | Plot size (radius or length x width) 10m |
| 6. Chamerion angustifolium 5 FACU (Where applicable) 7. Mertensia paniculata 2 FACU % Bare Ground 20 8. Aconitum delphinifolium 1 FAC Total Cover of Bryophytes 10 9. 0 0 Hydrophytic Vegetation 10 | 5. | Gymnocarpium dryopteris | | | 5 | | FACU | |
| 7. Mertensia paniculata 2 FACU % Bare Ground 20 8. Aconitum delphinifolium 1 FAC Total Cover of Bryophytes 10 9. 0 0 Hydrophytic Vegetation 10 10. Total Cover: 73 73 Hydrophytic | 6. | Chamerion angustifolium | | | 5 | | FACU | |
| 9 0 Hydrophytic 10 Total Cover: 73 Vegetation Hydrophytic | 7. | Mertensia paniculata | | | 2 | | FACU | % Bare Ground 20 |
| 9 0 Hydrophytic 10 Total Cover: 73 Vegetation Hydrophytic | 8. | Aconitum delphinifolium | | | 1 | | FAC | Total Cover of Bryophytes10 |
| Total Cover: 73 Yegetation | 9. | | | | | | | |
| Total Cover: <u>73</u> Vegetation | 10. | | | | 0 | | | Hydrophytic |
| 50% of Total Cover: | | | Total Cover: | _ | 73 | | | Vegetation |
| | | | 50% of Total Cover: 3 | 6.5 | 20% (| of Total Cover: | 14.6 | Present? Yes \cup No $ullet$ |

Remarks: streamside thicket of tall willows, mostly (all?) salala. shrub growth form up to 20ft tall, only a few >3in dbh. very scattered large popbal.

| Denth | Matr | ix | | ent the indicator or cont Red | ox Featu | | ators) | | |
|--|---|--------------------------|---------------|---|---|------------------------|------------------|---|---|
| Depth (inches) C | olor (moist) | | % | Color (moist) | % | Type ¹ | Loc ² | Texture | Remarks |
| 0-2 | | | 100 | | | | | Sapric Organics | |
| 2-5 2 | .5Y 3/ | 2 | 100 | | | | | Silt Loam | |
| 5-8 | 5Y 5/ | 1 | 100 | | | | | Sand | well graded |
| 8-9 2 | .5Y 3/ | 2 | 100 | | | | | Silt Loam | |
| 9-16 | 5Y 2.5 | /1 | 100 | | | | | Sand | well graded w subang gravels - cobbles |
| | | | | | | | | | |
| | | | | | - | - | | - | |
| | | | | | | | | - | |
| ¹ Type: C=Concentra | ation. D=Dep | letion. R | M=Reduced | Matrix ² Location | PL=Pore | e Linina. RC | =Root Cha | nnel. M=Matrix | |
| | | | | Indicators for Pro | | - | | | |
| Hydric Soil Indicat | | | 1 | Alaska Color Cha | | 4 | , | | |
| Histosol or Histe | . , | | l Í | | | - | | Alaska Gleyed Without I Underlying Layer | lue SY or Redder |
| Histic Epipedon (| . , | | l í | Alaska Alpine sv | • | , | | Other (Explain in Remai | |
| Hydrogen Sulfide | . , | | l | Alaska Redox W | ith 2.5Y F | lue | | | KS) |
| Thick Dark Surfa | . , | | | ³ One indicator of h | nydrophyt | ic vegetatio | n, one prin | nary indicator of wetland | hydrology, |
| Alaska Gleyed (A | , | | | and an appropriate | | | | | , · · · · · · · · · · · · · · · · · · · |
| Alaska Redox (A | , | | | ⁴ Give details of col | or change | e in Remark | s | | |
| Restrictive Layer (if p | () | | | | | | | | |
| Type: | resent). | | | | | | | Hydric Soil Presen | t? Yes 🔿 No 🖲 |
| Depth (inches): | | | | | | | | nyune son rresen | |
| Remarks: | | | | | | | | | |
| very little organic con soil criteria. | tent, insuffici | ent for r | edox featur | e development. do i | not believ | e this site h | as problem | natic hydrophytic vegetati | on, cannot apply problematic hydric |
| | | | | | | | | | |
| HYDROLOGY | | | | | | | | | |
| Wetland Hydrology Primary Indicators (a | | | | | | | | <u> </u> | |
| · | | ncient) | | | | | | | licators (two or more are required) |
| Surface Water (| , | | | | | | (22) | Water Sta | ined Leaves (B9) |
| High Water Tab | ie (AZ) | | | Inundation Vis | | - | | Water Sta | ined Leaves (B9) Patterns (B10) |
| | | | | Sparsely Vege | tated Cor | - | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) |
| Saturation (A3) | •• | | | Sparsely Vege Marl Deposits | tated Cor (B15) | cave Surfac | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) |
| Water Marks (B: | , | | | Sparsely Vege Marl Deposits Hydrogen Sulf | tated Cor (B15) ìde Odor | cave Surfac | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) |
| Water Marks (B: | sits (B2) | | | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W | tated Cor (B15) ide Odor ater Tabl | (C1) e (C2) | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) |
| Water Marks (B: Sediment Deposits (E) | sits (B2) 33) | | | Sparsely Vege Marl Deposits Hydrogen Sulf | tated Cor (B15) ide Odor ater Tabl | (C1) e (C2) | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) |
| Water Marks (B: Sediment Deposits ✓ Drift Deposits (E Algal Mat or Crut | sits (B2) 33) st (B4) | | | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W | tated Cor (B15) ide Odor ater Tabl | (C1) e (C2) | | Water Sta Drainage Oxidized Presence Salt Depo Stunted of ✓ Geomorp Shallow A | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) |
| Water Marks (B: Sediment Deposits (E) Drift Deposits (E) Algal Mat or Cru | sits (B2) 33) st (B4) 35) | | | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W | tated Cor (B15) ide Odor ater Tabl | (C1) e (C2) | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) |
| Water Marks (B: Sediment Deposits (E Drift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra | sits (B2) 33) st (B4) 55) cks (B6) | | | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W | tated Cor (B15) ide Odor ater Tabl | (C1) e (C2) | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) |
| Water Marks (B: Sediment Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Crait Field Observations | sits (B2) 33) st (B4) 55) cks (B6) | | No (•) | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain | tated Cor (B15) ide Odor ater Table in Rema | (C1) e (C2) | | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) |
| Water Marks (B: Sediment Depose Orift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Surface Water Prese | st (B2) st (B4) st (B4) s) cks (B6) : ent? Y | | No • | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain | tated Cor (B15) ide Odor ater Tabl in Rema): | (C1) e (C2) | (B8) | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Deposits (E Drift Deposits (E Algal Mat or Cru Iron Deposits (B Surface Soil Cra Field Observations Surface Water Prese Water Table Present | st (B2) 33) st (B4) 55) cks (B6) : ent? Y ?? Y | es 💿 | No \bigcirc | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain | tated Cor (B15) ide Odor ater Tabl in Rema): | (C1) e (C2) | (B8) | Water Sta | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Depose Orift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Surface Water Prese | its (B2) 33) st (B4) (5) cks (B6) : : : : : Y y | es 💿 | | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain | tated Cor (B15) ide Odor ater Table in Rema):):): 15 | (C1) e (C2) | (B8) | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Depose Sediment Depose Drift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Field Observations Surface Water Prese Water Table Present Saturation Present? | st (B2) 33) st (B4) 55) cks (B6) : ent? Y inge) Y | es 💿 es 💿 | No O No O | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain Depth (inchess Depth (inchess | tated Cor (B15) ide Odor ater Tabl in Rema):):): 15): 15 | (C1) e (C2) rks) | Wetla | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Depose Orift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Field Observations Surface Water Preset Water Table Present Saturation Present? (includes capillary fr Describe Recorded Date | st (B2) 33) st (B4) 55) cks (B6) : ent? Y inge) Y | es 💿 es 💿 | No O No O | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain Depth (inchess Depth (inchess | tated Cor (B15) ide Odor ater Tabl in Rema):):): 15): 15 | (C1) e (C2) rks) | Wetla | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Deposits (E Drift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Field Observations Surface Water Present Water Table Present Saturation Present? (includes capillary fr | sits (B2) 33) st (B4) 55) cks (B6) : mt? Y inge) Y inge) Y ata (stream g | es • es • Jauge, m | No O No O | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain Depth (inchess Depth (inchess | tated Cor (B15) ide Odor ater Tabl in Rema):):): 15): 15 | (C1) e (C2) rks) | Wetla | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |
| Water Marks (B: Sediment Depose Sediment Depose Drift Deposits (E Algal Mat or Cru Iron Deposits (E Surface Soil Cra Field Observations Surface Water Prese Water Table Present Saturation Present? (includes capillary fr Describe Recorded Da Remarks: | sits (B2) 33) st (B4) 55) cks (B6) : mt? Y inge) Y inge) Y ata (stream g | es • es • Jauge, m | No O No O | Sparsely Vege Marl Deposits Hydrogen Sulf Dry-Season W Other (Explain Depth (inchess Depth (inchess | tated Cor (B15) ide Odor ater Tabl in Rema):):): 15): 15 | (C1) e (C2) rks) | Wetla | Water Sta Drainage Oxidized Presence Salt Depo Stunted o Geomorp Shallow A Microtopo | ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5) |