

| Situation   |            |                    |                     | Topographie / Geologie                                |                        |                      |                   | Titeldaten                   |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
|---|------------|--------------------|---------------------|---|------------------------|----------------------|-------------------|------------------------------|--------------|---------------------|-----------------|------------|---------|------------------------------------|-----------------------|------------------------|-------------|---------------------------|-----------------|
|   |            |                    |                     |   |                        |                      |                   | Daten-schlüssel              | Projekt-Nr.  | Profilart           | Pedologe        | Datum      |         |                                    | Profilbezeichnung     |                        |             |                           |                 |
|   |            |                    |                     |   |                        |                      |                   | 1                            | 2            | 3                   | 4               | 5          |         |                                    | 6                     |                        |             |                           |                 |
|   |            |                    |                     |   |                        |                      |                   | 6.1                          | 687          | P*                  | CAR             | 16         | 3       | 2012                               | BOS                   |                        |             |                           |                 |
|   |            |                    |                     |   |                        |                      |                   | 8                            | 9            | Polit. Gem. Kanton  | Boswil          |            |         |                                    | AG                    | Gem. Nr.               | 4228        | 10                        |                 |
|   |            |                    |                     |   |                        |                      |                   | Ort Flurname                 |              |                     |                 |            |         |                                    |                       |                        |             |                           | Sonnenhof       |
| 12  |            | Blatt-Nr. 1:25'000 | 1110                |   | Koordinaten            | 13                   | 665               | 569                          | 240          | 507                 | 14              |            |         |                                    |                       |                        |             |                           |                 |
| Kartierungscode   |            |                    |                     |   |                        |                      |                   |                              |              |                     | gBe             |            |         | 15                                 |                       |                        |             |                           |                 |
| Bemerkungen   |            |                    |                     | Bodenbezeichnung                                      |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| <b>PnG-Berechnung</b><br>Hz. M Koeffizienten Skel Vern Gef Übr Meff<br>1 27 1.0 1.0 26<br>2 14 1.0 1.0 14<br>3 17 0.9 0.8 13<br>4 19 0.8 0.4 0.8 5<br>5 20 0.8 0.4 0.6 4<br>6 14 0.5 0.4 0.4 1<br>7 14 0.25 0.4 0.2 0 |            |                    |                     | Braunerde   |                        |                      |                   | Bodentyp                     | 16           | B                   |                 | 1352       |         |                                    | 17                    |                        |             |                           |                 |
|   |            |                    |                     | pseudogleyig, gleyig, neutral, alluvial, konkretionär |                        |                      |                   | Untertyp                     |              | I2, G3, E1, PA, FK  |                 |            |         |                                    | 18                    |                        |             |                           |                 |
|   |            |                    |                     | skelettarm über schwach skeletthaltig                 |                        |                      |                   | Skelettgehalt                |              | Oberboden           |                 | 19         | 0       |                                    | 20A                   |                        |             |                           |                 |
|   |            |                    |                     | Lehm  |                        |                      |                   | Feinerdekorung               |              | Oberboden           |                 | 21         | 5       |                                    | 22A                   |                        |             |                           |                 |
|   |            |                    |                     | senkrecht durchwaschen, stauwasserbeeinflusst         |                        |                      |                   | Wasserhaushaltsgruppe        |              | Unterboden          |                 | 21         | 6       |                                    | 22A                   |                        |             |                           |                 |
|   |            |                    |                     | mässig tiefgründig                                    |                        |                      |                   | Pflanzennutzbare Gründigkeit |              | 63                  |                 | cm         |         | 3                                  |                       | 24                     |             |                           |                 |
|   |            |                    |                     | ungleichmässig bis 10 %                               |                        |                      |                   | Neigung [%]                  |              | 25                  | 7               |            | %       |                                    | Geländeform           |                        | e           | 26                        |                 |
|   |            |                    |                     | Profilskizze  |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
|   |            |                    |                     | 27  | 28                     | 29/30                |                   | 31/32                        |              | 33/34               | 35/36           | 37/38      | 39/40   | 41 (43) 42                         | 44/45                 | 46/47                  | 48/55       | 56                        |                 |
|   |            |                    |                     | Horizonte   |                        |                      |                   | Profilskizze                 |              | Gefüge              | O.S.            | Ton        | Schluff | Sand                               | Kies 0.2-5cm [Vol. %] | Steine > 5 cm [Vol. %] | Kalk Klasse | Hell. / CaCl <sub>2</sub> | Farbe (Munsell) |
| Nr.   | Tiefe      | Bezeichnung        |                     |   |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| 1   | 27         | Ahp                |                     | Kr2   |                        | 3.5                  | 18                | 32                           | 50           | 4                   | 0               | 0          | 6.1     | 10YR 4/3                           | BOS 1                 |                        |             |                           |                 |
| 2   | 41         | BA                 |                     | Sp3/ Sp4  |                        | 2                    | 17                | 36                           | 47           | 3                   | 0               | 0          | 6.4     | 10YR 4/4                           | BOS 2                 |                        |             |                           |                 |
| 3   | 58         | Bcn,g              |                     | Po5   |                        | 1                    | 24                | 36                           | 40           | 5                   | 2               | 0          | 6.7     | 10YR 5/3<br>7.5YR 6/8<br>7.5YR 2/1 | BOS 3                 |                        |             |                           |                 |
| 4   | 77         | BCcn,gg            |                     | Po5/ Pr4  |                        | 0.5                  | 24                | 38                           | 38           | 16                  | 6               | 0          | 6.7     | 10YR 5/4<br>7.5YR 5/8<br>7.5YR 2/1 | w0                    |                        |             |                           |                 |
| 5   | 97         | (B)Cgg             |                     | Po5/ Ek   |                        | 0.5                  | 12                | 30                           | 58           | 21                  | 3               | 0          | 6.8     | 10YR 6/1<br>7.5YR 6/8              | w0                    |                        |             |                           |                 |
| 6   | 111        | Cgg                |                     | Po4/ Ek   |                        | 0                    | 27                | 30                           | 43           | 25                  | 25              | 3          | 7.5     | 10YR 6/3                           | w0                    |                        |             |                           |                 |
| 7   | 125        | IICgg              |                     | Ek  |                        | 0                    | 9                 | 26                           | 65           | 42                  | 33              | 5          | 7.5     | 10YR 6/2                           |                       |                        |             |                           |                 |
| Profiltiefe   |            | 57                 |                     |   |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
|   |            | 125                |                     |   |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| Standort  |            |                    |                     |   |                        |                      |                   | Bewertung / Eignung          |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| Höhe [m ü.M.]   | Exposition | Klimaeignungszone  |                     | Vegetation aktuell                                    | Ausgangs-material      | Landschafts-element  |                   | Nutzungsgebiet               | Stufe        | Boden-profilwert    | Boden-punktzahl |            | Eignung | Eignungsklasse                     |                       |                        |             |                           |                 |
| 58  | 59         | 60                 |                     | 61  | 62/63                  | 64                   | 65                |                              | 73           |                     | 74              |            | 75      | 76                                 |                       |                        |             |                           |                 |
| 446   | N          | A3                 |                     | WI  | AL                     | HF                   | 2                 | 1                            | III          | 76                  | 76              |            |         | 2                                  |                       |                        |             |                           |                 |
| Nutzungsbeschränkungen / Meliorationen  |            |                    |                     |   |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| Krumenzustand   |            | Limitierungen      |                     |   |                        | Nutzungsbeschränkung |                   |                              |              | Meliorationen       |                 |            |         | Düngereinsatz                      |                       |                        |             |                           |                 |
| 66  |            | 67                 |                     |   |                        | 68                   |                   |                              |              | festgestellte       |                 | empfohlene |         | fest flüssig                       |                       |                        |             |                           |                 |
| 1   |            | G, N               |                     |   |                        |                      |                   |                              |              | 69                  |                 | 70         |         | 71 72                              |                       |                        |             |                           |                 |
|   |            |                    |                     |   |                        |                      |                   |                              |              |                     |                 |            |         | 1 1                                |                       |                        |             |                           |                 |
| Wald  |            |                    |                     |   |                        |                      |                   |                              |              |                     |                 |            |         |                                    |                       |                        |             |                           |                 |
| Humus-form  | Bestand    |                    | Baumhöhe [m] gesch. |   | Vorrat, [m3/ha] gesch. |                      | Alter, [J] gesch. |                              | Gesellschaft | Geeignete Baumarten |                 |            |         | Produktionsfähigkeit               |                       |                        |             |                           |                 |
| 100   | 101        |                    | 102                 | 103   | 104                    | 105                  | 106               | 107                          | 108          | 109                 |                 |            |         | 110                                | 111                   |                        |             |                           |                 |