Suggested Citation: Noller, Jay S., and Lisa E. Wells. "EKAS Geomorphology Form." The Eastern Korinthia Archaeological Survey, 2000.

| Geom. Unit # | |
|----------------|--|
| Location | |
| Air Photo # | |
| Bedrock | |
| Morphostrat | |
| Disturbance | |
| Erosion | |
| Stability | |
| Soil color | |
| Soil texture | |
| Soil Carbonate | |
| Slope/Aspect | |
| Land use | |
| Sample | |
| Other | |

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| | |

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| Soil texture | |
| Soil Carbonate | |
| Slope/Aspect | |
| Land use | |
| Sample | |
| Other | |
| L | |

| Geom. Unit # | |
|----------------|---|
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| Air Photo # | |
| Bedrock | |
| Morphostrat | |
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| Stability | |
| Soil color | |
| Soil texture | |
| Soil Carbonate | |
| Slope/Aspect | |
| Land use | |
| Sample | |
| Other | |
| 1 | 1 |

| BEDROCK (Symbol | MORPHOLOGY_2000 | | |
|---|---|--|---|
| Symbol | (B) | Eolian, Qe, F | Pe, He |
| | Description | Symbol | Description |
| Bl | Limestone | Qe | General eolian |
| Bm | Pliocene Marine | Qes | Eolian sand |
| Bb | Metamorphic | Qei | Eolian silt |
| | <u> </u> | - Qec | Eolian clay |
| MORPHOST | ΓRATIGRAPHY | Qed | Dunes |
| | Qa, Pa or Ha | Oea | Trans. Eo/Alluvial |
| Symbol | Description Description | | I. |
| Qal | Al floodplain deposits | - Lacustrine | |
| Qat | Al terrace | Symbol | Description |
| Qaf | Alluvial fan | Q1 | General lacustrine |
| Qap | Pediment Al | Qlg | Lacustrine gravel |
| Qac | Trans. Al/Col units | Qls | Lacustrine sand |
| Qag | Gravel | Qli | Lacustrine silt |
| Qas | Sand | Qlc | Lacustrine clay |
| Qai | Silt | Qlm | Lacustrine marl |
| Qui | Sitt | Qlt | Tufa |
| Channels and | d gullios Of Df | QII | Tula |
| | d gullies, Qf, Pf, | Anthro Mod | own (Mh) |
| or Hf | D : :: | | |
| Symbol | Description | <u>.</u> | (Qh, Ph, or Hh) |
| Qfg | 1st to 2nd order gully | Symbol | Description |
| Qfr | River channel | Mhh/Hhh | Highway or road fill |
| Qft | Thalweg | Mhm/Hhm | mine tailings |
| Qff | Active floodplain | Mhq/Hhq | Quarries |
| Qfc | Paleo-channels | Mhl | Landfill and "pushed" |
| | | Hhf | Trapped seds |
| Colluvium (C | Col) Qc, Pc, or | Hht | Anthro terraces |
| Нс | | Hhw | Anthropogenic walls, |
| Symbol | Description | _ | |
| Qcg | Gravel col | MODERN H | |
| Qcf | f. gr. Col | DISTURBA | NCE |
| Qca | Trans. Col/Al units | Symbol | Description |
| Qcc | Active talus cones | Scrape | Surface material |
| Qct | Triangular talus facets | | removed |
| Qcl | Landslides | Dozed | Material redisturbuted |
| Qcm | Mudf/Debris flows | | by dozer |
| Qcr | Terrace risers | Cut | Cut or excavated into |
| | | _ | bedrock |
| | Pd. or Hd | Import | |
| Deltaic, Qd, | | 1 | Allocthonous soil |
| Deltaic, Qd, | | - 1 | Allocthonous soil imported to site |
| Symbol | Description | Compost | |
| Symbol Qd | Description General deltaic | | imported to site |
| Symbol Qd Qdg | Description General deltaic Deltaic gravel | | imported to site Allocthonous soil |
| Symbol Qd Qdg Qds | Description General deltaic Deltaic gravel Deltaic sand | | imported to site Allocthonous soil amendments |
| Symbol Qd Qdg Qds Qdi | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt | Compost | imported to site Allocthonous soil amendments |
| Symbol Qd Qdg Qds Qdi Qdd | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel | Compost | imported to site Allocthonous soil amendments |
| Symbol Qd Qdg Qds Qdi | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt | STABILITY Symbol | imported to site Allocthonous soil amendments Description |
| Symbol Qd Qdg Qds Qdi Qdd | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees | STABILITY Symbol Stable | imported to site Allocthonous soil amendments Description A Hori. intact |
| Symbol Qd Qdg Qds Qdi Qdd Qdd | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb | STABILITY Symbol Stable | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description | STABILITY Symbol Stable Unstab | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral | STABILITY Symbol Stable Unstab Erode | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand | STABILITY Symbol Stable Unstab | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbg | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel | STABILITY Symbol Stable Unstab Erode | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbg Qbm | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel Intertidal marsh | STABILITY Symbol Stable Unstab Erode Strip | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped Actively incising |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbg Qbm Qbl | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel Intertidal marsh Lagoon fill | STABILITY Symbol Stable Unstab Erode Strip Incise | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped Actively incising channels and gullies |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbg Qbm Qbl Qm | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel Intertidal marsh Lagoon fill General marine | STABILITY Symbol Stable Unstab Erode Strip Incise Dep | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped Actively incising channels and gullies active deposition |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbg Qbm Qbl Qm Qmp | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel Intertidal marsh Lagoon fill General marine Erosional platform | STABILITY Symbol Stable Unstab Erode Strip Incise | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped Actively incising channels and gullies active deposition Anthro. constructed |
| Symbol Qd Qdg Qds Qdi Qdd Qdn Littoral, Qb, Symbol Qb Qbs Qbs Qbg Qbm Qbl Qm Qmp Qmp Qmt | Description General deltaic Deltaic gravel Deltaic sand Deltaic silt Distributary channel Channel levees Pb, Hb Description General littoral Littoral sand Littoral gravel Intertidal marsh Lagoon fill General marine Erosional platform Marine terraces w/sed | STABILITY Symbol Stable Unstab Erode Strip Incise Dep Cons | imported to site Allocthonous soil amendments Description A Hori. intact A Hori. removed from over 30% area A Hori. gone and sub- A hori. exposed. All surface soil and sediment striped Actively incising channels and gullies active deposition Anthro. constructed Marked variability in |
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EROSION LANDFORMS

| Symbol | Description |
|--------|-----------------------------|
| Rill | active rills (< 50 cm deep) |
| Gully | active gullies (> 50 cm) |
| Bound | bounded by gullies |
| Absent | no rills or gullies |
| ND | No erosion data |

SOIL COLOR

Use Munsell designation e.g. 10YR 6/4

SOIL TEXTURE

USDA texture class triangle below e.g. silty loam

SOIL CARBONATE

| Symbol | Description |
|--------|------------------------|
| Ka | Absent |
| K1 | A light dusting of |
| | CaCO3 |
| K2 | Continuous clast |
| | coatings (gravel); few |
| | to common nodules |
| | (non-gravel) |
| K3 | Continuity of fabric |
| | high in CaCO3 |
| K4 | Partly or entirely |
| | cemented by CaCO3 |
| Ku | Unknown class |

LAND USE/COVER

| Symbol | Description |
|--------|-------------------------|
| Ro | Rock/sed/soil (barren) |
| Ba | Batha (sparse vegie) |
| Ga | Garigue (low scrub or |
| | heath) |
| Ma | Maquis (tall scrub or |
| | heath) |
| Fo | Forest |
| Gr | Grains (barley, wheat) |
| Fa | Fallow field |
| Gp | Grass/pasture |
| Vi | Vineyard |
| Og | Orchard/Grove |
| Cu | Cultivation other (note |
| | crop) |
| Bi | Built, Industrial |
| | |

gr = gravel S=sand SL=sandy loam
LS=loamy sand L=loam SiL=silt loam
Si=silt SCL=sandy clay loam C=clay
CL=clay loam SiC=silty clay
SiCL=silty clay loam SC=sandy clay

