

TASSI Project: survey site landscape examples with ASRIS code descriptions (High Probability Sites)



Asris Code: Aa(p1) Site Location: T4.1 Shepherds Hut Lagoon, 2km North of Swanwick.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Subaqueous material in subtidal wetland, PASS material and/or MBO. Often seagrasses. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Ac(p1) Site Location: T4.6 Moulting Lagoon, Eastern shoreline in wildlife sanctuary, Top Bank.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Supratidal flats, ASS generally within upper 1m. Halophytes (mainly samphire), salt marsh, salt pans. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Ad(p1) Site Location: T5.1 Northern part of Pittwater/Orielton Ramsar area.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Extratidal flats, ASS generally within upper 1m. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.

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Asris Code: Ae(p1) **Site Location:** T16.4 Macquarie Harbour, Birches Inlet.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Floodplains <2m AHD, ASS generally within upper 1m. Grasslands, reedlands and wetland forests. (e.g *Melaleuca*, *Casuarina*). Includes backplains. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Af(p1) **Site Location:** T4.9 Apsley Marshes, Northern Side.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Floodplains 2-4m AHD, ASS generally below 1m from the surface. generally wetland forests. (e.g *Melaleuca*, *Casuarina*). Includes plains and levees. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Ag(a1) **Site Location:** T14.2 Mella.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Floodplains >4m AHD, ASS generally below 3m from the surface. generally forests. Includes plains and levees. Actual acid sulfate soil (AASS) = sulfuric material (Isbell 1996 p.122). All necessary analytical and morphological data are available.

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Asris Code: Ah(p1) Site Location: T12.2 Moorland Beach.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Sandplains and dunes <2m AHD, ASS generally within 1m of the surface. Often wet heath. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Ai(p1) Site Location: T6.3 King Island, Nook Swamp, Lavinia Ramsar Reserve.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Sandplains and dunes 2-10m AHD, ASS generally below 1m from the surface. Heath, forests. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Al(p1) Site Location: T7.9 Flinders Island, Carnacs Flat.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Organosols, ASS generally within upper 1m in wet/riparian areas with Organosols (Isbell 1996). Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.

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Asris Code: Am(p1) Site Location: T7.3 Flinders Island, Logans Lagoon.

ASRIS Code Description: High probability of occurrence (>70% chance of occurrence in mapping unit). Hydrosols, ASS generally within upper 1m in wet/riparian areas with Hydrosols (Isbell 1996). Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.

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Asris Code: Bb(p1) Site Location: T5.16 Pittwater, 500m SSE of Flinty Point on foreshore at Forcett.

ASRIS Code Description:Low probability of occurrence (6-70% chance of occurrence in mapping unit). Intertidal flats, PASS generally within upper 1m. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Be(p1) Site Location: T16.1 Gordon River, Timms Eddy.

ASRIS Code Description:Low probability of occurrence (6-70% chance of occurrence in mapping unit). Floodplains <2m AHD, ASS generally within upper 1m. Grasslands, reedlands and wetland forests. (e.g *Melaleuca*, *Casuarina*). Includes backplains. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). All necessary analytical and morphological data are available.



Asris Code: Bg(n1) Site Location: T17.1 Parkham, Avenue Plains.

ASRIS Code Description:Low probability of occurrence (6-70% chance of occurrence in mapping unit). Floodplains >4m AHD, ASS generally below 3m from the surface, generally forests. Includes plains and levees. Not acid sulfate soil (NASS) to depth sampled at sampling site. All necessary analytical and morphological data are available.

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Asris Code: Bh(n1) **Site Location:** T6.7 King Island, Sea Elephant Estuary.

ASRIS Code Description: Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes <2m AHD, ASS generally within 1m of the surface. Often wet heath. Holocene or Pleistocene. Not acid sulfate soil (NASS) to depth sampled at sampling site. All necessary analytical and morphological data are available.



Asris Code: Bj(n1) **Site Location:** T12.6 Wynyard.

ASRIS Code Description: Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes >10m AHD, ASS generally below 1m from the surface. Heath, forests. Mainly Pleistocene. Not acid sulfate soil (NASS) to depth sampled at sampling site. All necessary analytical and morphological data are available.



Asris Code: Bm(n1) **Site Location:** T8.1 Interlaken Ramsar site.

ASRIS Code Description: Low probability of occurrence (6-70% chance of occurrence in mapping unit). Hydrosols, ASS generally within upper 1m in wet/riparian areas with Hydrosols (Isbell 1996). Not acid sulfate soil (NASS) to depth sampled at sampling site. All necessary analytical and morphological data are available.

