**Creating new input files for Stand Condition Tool**

Export Tiff as **16 bit Float BIL** (no scaling) using ArcCatalog Export raster to different format

Copy template hdr files from [\\prod.local\storage\GSS\STAND\_CONDITION\_TOOL\_PROJECT\TESTINPUTS\NEW\TEMPLATES](file:///\\prod.local\storage\GSS\STAND_CONDITION_TOOL_PROJECT\TESTINPUTS\NEW\TEMPLATES) for each PCT type (PCT\_25,PCT\_50,PCT\_75) into the new source imagery folder.

Copy the values from the original ESRI hdr file for each PCT to the corresponding template, values to be updated are:

NROWS 3711 to lines

NCOLS 3712 to samples

ULXMAP 142.999890554313

ULYMAP -34.0001106098187

XDIM 0.00026949458523586

YDIM 0.000269494585235857

To

map info = {Geographic Lat/Lon, 1, 1, 142.999890554313, -34.0001106098187, 0.00026949458523586, 0.000269494585235857,WGS-84}

See below:

After update Rename each updated Template hdr file to match the newly created bil file

I.e

**Original ESRI bil header**

BYTEORDER I

LAYOUT BIL

NROWS 3711

NCOLS 3712

NBANDS 6

NBITS 32

BANDROWBYTES 14848

TOTALROWBYTES 89088

PIXELTYPE FLOAT

ULXMAP 142.999890554313

ULYMAP -34.0001106098187

XDIM 0.00026949458523586

YDIM 0.000269494585235857

NODATA -1.797693e+308

**Original Template Header**

ENVI

description = {

/g/data/u46/users/dra547/MDBA\_mk2/20080901/PCT\_25/143/SR\_LS5\_N\_PCT\_25\_4326\_143\_-35\_20080901\_20100101.bil}

samples = 4000

lines = 4000

bands = 6

header offset = 0

file type = ENVI Standard

data type = 2

interleave = bil

byte order = 0

map info = {Geographic Lat/Lon, 1, 1, 143, -34, 0.00025, 0.00025,WGS-84}

coordinate system string = {GEOGCS["GCS\_WGS\_1984",DATUM["D\_WGS\_1984",SPHEROID["WGS\_1984",6378137,298.257223563]],PRIMEM["Greenwich",0],UNIT["Degree",0.017453292519943295]]}

band names = {

Band 1,

Band 2,

Band 3,

Band 4,

Band 5,

Band 6}

**Updated Template HDR**

ENVI

description = {

/g/data/u46/users/dra547/MDBA\_mk2/20080901/PCT\_25/143/SR\_LS5\_N\_PCT\_25\_4326\_143\_-35\_20080901\_20100101.bil}

samples = 3712

lines = 3711

bands = 6

header offset = 0

file type = ENVI Standard

data type = 2

interleave = bil

byte order = 0

map info = {Geographic Lat/Lon, 1, 1, 142.999890554313, -34.0001106098187, 0.00026949458523586, 0.000269494585235857,WGS-84}

coordinate system string = {GEOGCS["GCS\_WGS\_1984",DATUM["D\_WGS\_1984",SPHEROID["WGS\_1984",6378137,298.257223563]],PRIMEM["Greenwich",0],UNIT["Degree",0.017453292519943295]]}

band names = {

Band 1,

Band 2,

Band 3,

Band 4,

Band 5,

Band 6}