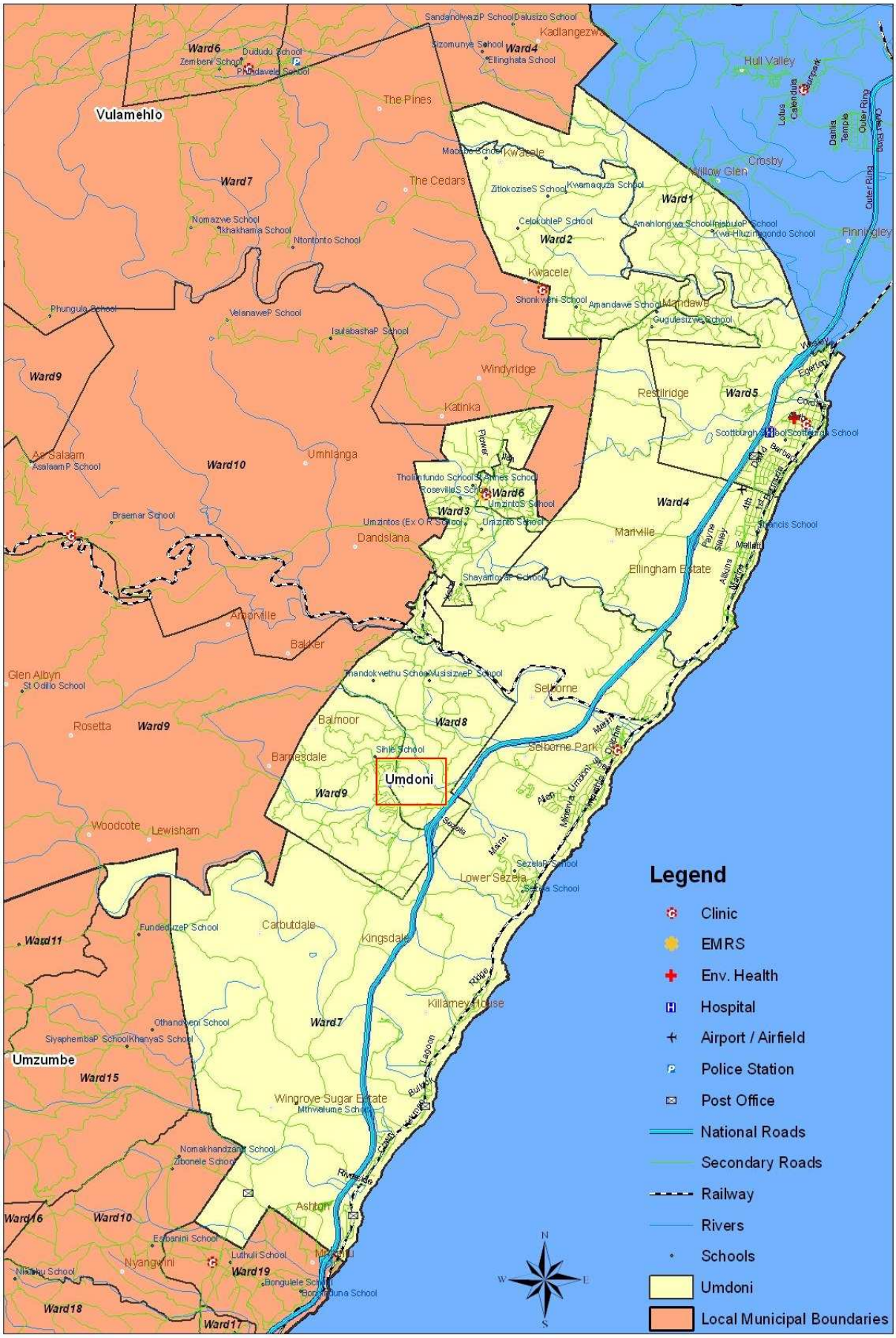Umdoni ward maps